HARCOURT

Math

Practice Workbook

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Grade 2

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CONTENTS

Name _____

LESSON 1.1

Order and Zero Properties

Write the sum.

1. $4 + 3 = \_\_7\_\_$ $3 + 4 = \_\_7\_\_$	2. $9 + 1 = \_\_\_\_\_$ $1 + 9 = \_\_\_\_\_$	3. $2 + 6 = \_\_\_\_\_$ $6 + 2 = \_\_\_\_\_$
4. $5 + 4 = \_\_\_\_\_$ $4 + 5 = \_\_\_\_\_$	5. $0 + 5 = \_\_\_\_\_$ $5 + 0 = \_\_\_\_\_$	6. $6 + 5 = \_\_\_\_\_$ $5 + 6 = \_\_\_\_\_$
7. $\begin{array}{r} 3 \\ +\,9 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ +\,3 \\ \hline \end{array}$	8. $\begin{array}{r} 8 \\ +\,1 \\ \hline \end{array}$ $\begin{array}{r} 1 \\ +\,8 \\ \hline \end{array}$	9. $\begin{array}{r} 4 \\ +\,6 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ +\,4 \\ \hline \end{array}$
10. $\begin{array}{r} 1 \\ +\,7 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ +\,1 \\ \hline \end{array}$	11. $\begin{array}{r} 4 \\ +\,2 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ +\,4 \\ \hline \end{array}$	12. $\begin{array}{r} 7 \\ +\,0 \\ \hline \end{array}$ $\begin{array}{r} 0 \\ +\,7 \\ \hline \end{array}$

Mixed Review

Solve.

13. $3¢ + 2¢ = \_\_\_\_\_ ¢$

14. $8¢ + 4¢ = \_\_\_\_\_ ¢$

15. $1 + 3 = \_\_\_\_\_$

16. $2 + 2 = \_\_\_\_\_$

17. $2 + 9 = \_\_\_\_\_$

18. $5 + 3 = \_\_\_\_\_$

Name _____

LESSON 1.2

Count on 1, 2, and 3

Circle the greater number.
Count on to find the sum.

1. $8 + 1 = \_\_9\_\_$

2. $5 + 2 = \_\_\_\_\_$

3. $3 + 10 = \_\_\_\_\_$

4. $1 + 4 = \_\_\_\_\_$

5. $6 + 2 = \_\_\_\_\_$

6. $7 + 3 = \_\_\_\_\_$

7.

3	8	2	7	1	6
+ 8	+ 2	+ 7	+ 3	+ 5	+ 1

8.

4	2	9	3	2	5
+ 3	+ 10	+ 1	+ 6	+ 4	+ 3

9.

9	1	2	6	3	7
+ 2	+ 8	+ 5	+ 2	+ 9	+ 1

Mixed Review

Solve.

10. $0 + 8 = \_\_\_\_\_$

11. $4 + 0 = \_\_\_\_\_$

12. $0 + 1 = \_\_\_\_\_$

13. $7 + 0 = \_\_\_\_\_$

14. $0 + 9 = \_\_\_\_\_$

15. $6 + 0 = \_\_\_\_\_$

16. $0 + 6 = \_\_\_\_\_$

17. $6 + 3 = \_\_\_\_\_$

18. $3 + 6 = \_\_\_\_\_$

Name _____

Doubles and Doubles Plus One

Vocabulary

Circle the **doubles plus one** fact in yellow.
Circle the **doubles** fact in green.

4 + 4 = 8　　4 + 1 = 5　　4 + 5 = 9

Write each doubles sum green.
Write each doubles plus one sum yellow.
Complete the addition table.

+	0	1	2	3	4	5	6	7	8	9
0										
1										
2										
3										
4										
5										
6										
7										
8										
9										

Name _____

LESSON 1.4

Make a Ten

Use a ten-frame and ◯ to make a ten.
Find the sum.

1. 7 + 5 = _____	6 + 7 = _____	8 + 6 = _____	9 + 1 = _____	3 + 8 = _____	5 + 7 = _____
2. 7 + 4 = _____	6 + 8 = _____	9 + 6 = _____	7 + 6 = _____	7 + 7 = _____	6 + 9 = _____
3. 7 + 5 = _____	5 + 8 = _____	8 + 4 = _____	9 + 2 = _____	7 + 8 = _____	3 + 7 = _____
4. 8 + 2 = _____	8 + 8 = _____	8 + 5 = _____	8 + 3 = _____	9 + 9 = _____	7 + 9 = _____

Mixed Review

Solve.

5. 6 + 0 = _____	6. 0 + 10 = _____	7. 5 + 1 = _____
8. 2 + 4 = _____	9. 7 + 0 = _____	10. 3 + 9 = _____
11. 3 + 3 = _____	12. 2 + 3 = _____	13. 3 + 4 = _____

Name _____

LESSON 1.5

Add 3 Numbers

Circle the addends you add first. Write the sum.

1.	6 2 + 9	2 5 + 8	6 6 + 4	3 1 + 8	4 7 + 2	5 3 + 5
2.	3 1 + 3	1 6 + 9	5 8 + 2	7 5 + 5	2 6 + 4	4 3 + 4
3.	8 2 + 9	5 4 + 4	7 6 + 4	4 1 + 4	9 1 + 5	2 6 + 2
4.	3 4 + 1	7 3 + 4	9 0 + 9	2 4 + 6	8 3 + 2	9 5 + 2

Mixed Review

Solve.

5. 5 + 5 = _____ 6. 8 + 7 = _____ 7. 7 + 7 = _____

8. 9 + 2 = _____ 9. 5 + 8 = _____ 10. 4 + 5 = _____

11. 5 + 4 = _____ 12. 6 + 4 = _____ 13. 6 + 6 = _____

Name _____

LESSON 1.6

Problem Solving • Draw a Picture

Use the four steps to solve.
Draw a picture. Write the number sentence.

1. 9 brown bears and 7 black bears played. How many bears in all played?

   9 + 7 = 16 bears

2. On the porch sat 7 cats. Then 8 more cats joined them. How many cats were on the porch?

   ____ ◯ ____ ◯ ____ cats

3. In a fish tank swam 6 yellow fish and 8 orange fish. How many fish swam in the tank?

   ____ ◯ ____ ◯ ____ fish

4. There were 7 children in the yard and 3 children in the house. How many children were there in all?

   ____ ◯ ____ ◯ ____ children

Name _____

Subtract All or Zero

Subtract.

1. How many flowers are left?

$$\begin{array}{r} 6 \\ -\ 6 \\ \hline 0 \end{array}$$ flowers

2. How many flowers are left?

$$\begin{array}{r} 6 \\ -\ 0 \\ \hline \end{array}$$ flowers

3.	$\begin{array}{r} 4 \\ -\ 0 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -\ 2 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -\ 0 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -\ 0 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -\ 9 \\ \hline \end{array}$
4.	$\begin{array}{r} 8 \\ -\ 8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -\ 0 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -\ 6 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -\ 0 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -\ 13 \\ \hline \end{array}$
5.	$\begin{array}{r} 19 \\ -\ 0 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -\ 5 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -\ 0 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -\ 0 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -\ 7 \\ \hline \end{array}$

Mixed Review

Solve.

6. $6 + 2 =$ _____ 7. $4 + 4 =$ _____ 8. $1 + 7 =$ _____

9. $7 + 1 =$ _____ 10. $5 + 3 =$ _____ 11. $3 + 5 =$ _____

12. $8 + 0 =$ _____ 13. $0 + 8 =$ _____ 14. $2 + 6 =$ _____

Name _____

LESSON 2.2

Count Back

Count back to find the difference.

1. $8 - 1 = \underline{7}$ $4 - 2 = \_\_\_\_$ $6 - 1 = \_\_\_\_$

2. $5 - 2 = \_\_\_\_$ $9 - 3 = \_\_\_\_$ $10 - 2 = \_\_\_\_$

3.

7	5	8	4	6
− 3	− 1	− 3	− 1	− 2

4.

10	9	11	7	3
− 3	− 2	− 2	− 2	− 2

5.

8	3	9	12	7
− 2	− 1	− 1	− 1	− 1

6.

3	10	6	11	5
− 2	− 1	− 3	− 3	− 3

Mixed Review

Solve.

7. $5 - 5 = \_\_\_\_$ 8. $4 - 4 = \_\_\_\_$ 9. $6 - 6 = \_\_\_\_$

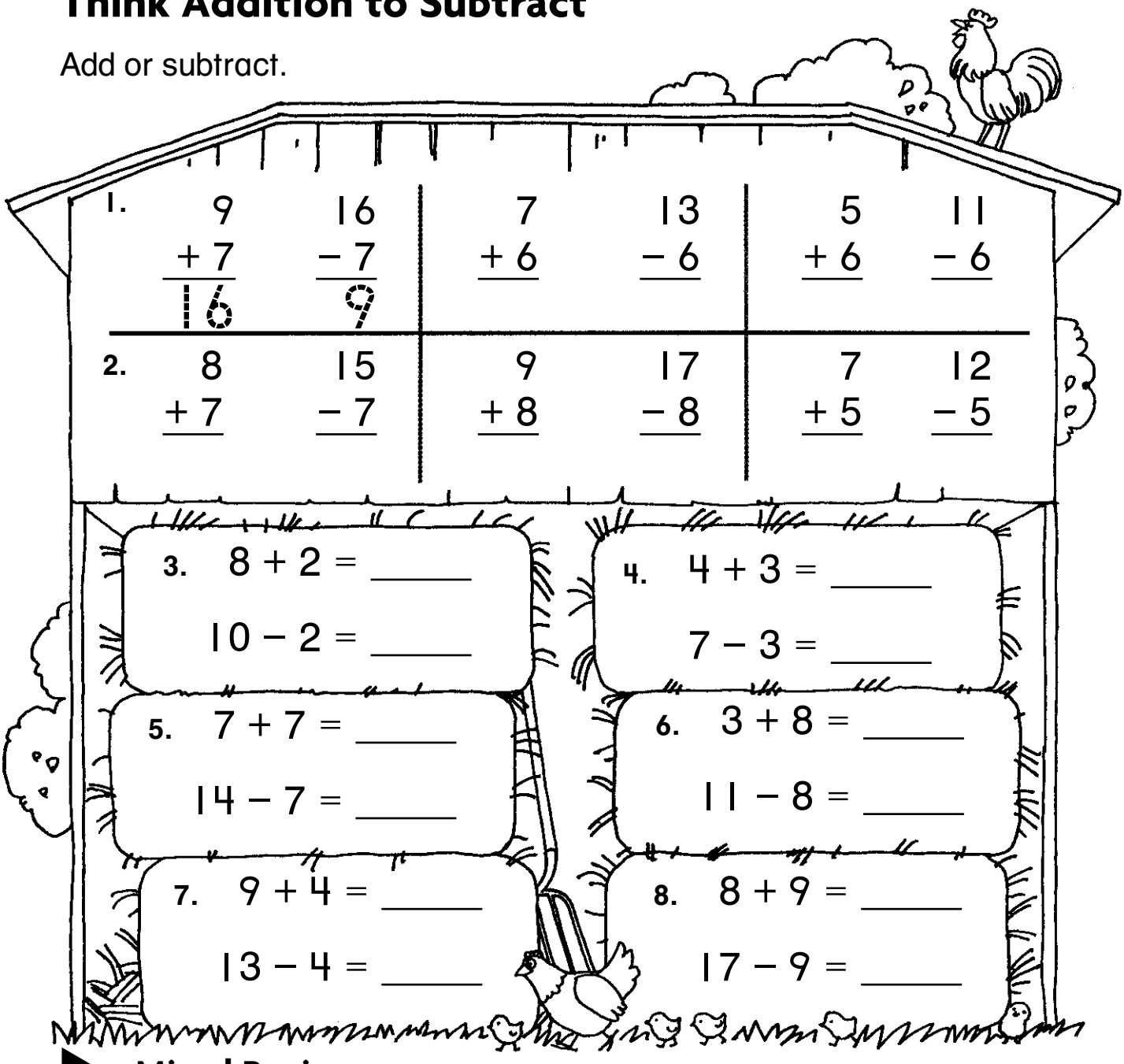
10. $7 - 0 = \_\_\_\_$ 11. $6 - 0 = \_\_\_\_$ 12. $8 - 0 = \_\_\_\_$

13. $4 + 0 = \_\_\_\_$ 14. $9 - 0 = \_\_\_\_$ 15. $0 + 9 = \_\_\_\_$

Name _____

Think Addition to Subtract

Add or subtract.



1.	9 + 7 = 16	16 − 7 = 9	7 + 6 =	13 − 6 =	5 + 6 =	11 − 6 =
2.	8 + 7 =	15 − 7 =	9 + 8 =	17 − 8 =	7 + 5 =	12 − 5 =

3. 8 + 2 = _____
   10 − 2 = _____

4. 4 + 3 = _____
   7 − 3 = _____

5. 7 + 7 = _____
   14 − 7 = _____

6. 3 + 8 = _____
   11 − 8 = _____

7. 9 + 4 = _____
   13 − 4 = _____

8. 8 + 9 = _____
   17 − 9 = _____

Mixed Review

Solve.

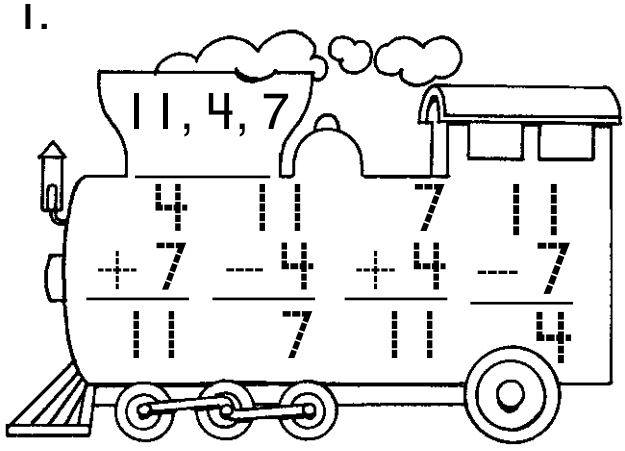
9. 3 − 1 = _____
10. 6 − 2 = _____
11. 7 − 1 = _____
12. 5 − 1 = _____
13. 8 − 2 = _____
14. 8 − 3 = _____
15. 10 − 3 = _____
16. 9 − 1 = _____
17. 11 − 2 = _____

Name _____

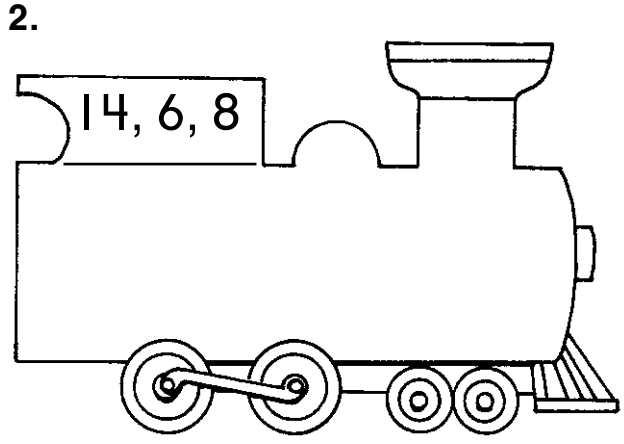
Fact Families

Write the fact family for the set of numbers.

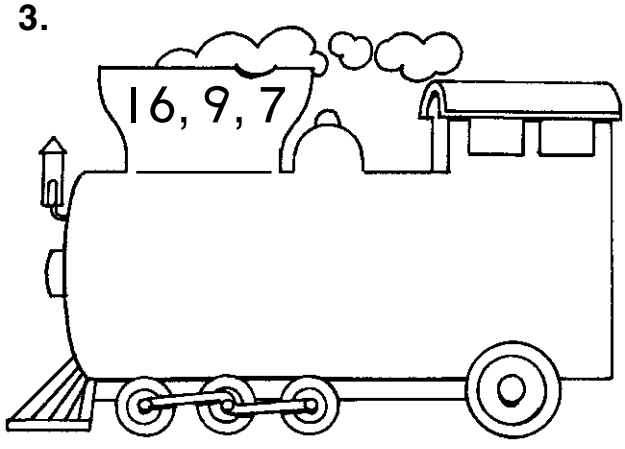
1.



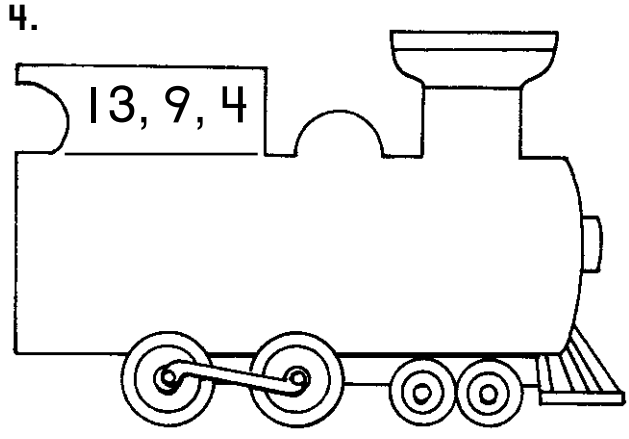
2.



3.



4.



Mixed Review

Solve.

5. 5 + 5 = _____

6. 8 + 7 = _____

7. 7 + 3 = _____

8. 6 + 8 = _____

9. 9 + 8 = _____

10. 4 + 9 = _____

11. 13 − 9 = _____

12. 5 + 6 = _____

13. 11 − 6 = _____

Name _____

Number Expressions

Look across, down, and diagonally.
Circle pairs of numbers that give the sum at the top.

1.

16			
9	8	12	13
7	1	4	11
2	7	3	10
5	10	8	12
1	11	4	7

2.

9			
0	5	3	6
8	4	2	1
2	1	5	2
1	7	6	3
8	1	0	4

Circle pairs of numbers that give the difference at the top.

3.

7			
13	5	8	7
15	6	4	0
4	8	1	3
3	9	1	5
6	2	12	8
10	3	11	4

4.

6			
12	3	7	1
6	3	6	4
3	8	7	11
1	0	8	5
15	9	2	10
9	8	4	4

Mixed Review

Solve.

5. 4 + 6 = _____

6. 6 + 4 = _____

7. 10 − 4 = _____

8. 10 − 6 = _____

9. 10 − 2 = _____

10. 8 − 8 = _____

Name _____

Remember Addition Facts

Write the sum.

1.

Use doubles.	
8	16
4	
7	
6	

2.

Use doubles plus one.	
5	
8	
3	

3.

Add 0.	
12	
10	
9	

4.

Count on 3.	
6	
5	
7	
8	

5.

Count on 2.	
9	
10	
6	
3	

6.

Count on 1.	
2	
4	
9	
8	

Mixed Review

Solve.

7. 3 + 6 = _____

8. 3 + 6 + 1 = _____

9. 10 − 0 = _____

10. 3 + 6 + 0 = _____

11. 10 + 0 = _____

12. 2 + 8 + 1 = _____

13. 2 + 8 + 0 = _____

14. 2 + 8 + 2 = _____

Name _____

Missing Numbers

Write the missing number.
Use counters if you need to.

1. $8 + \underline{6} = 14$	$14 - 8 = \_\_\_\_$
2. $\_\_\_\_ + 5 = 12$	$12 - 5 = \_\_\_\_$
3. $\_\_\_\_ + 6 = 13$	$13 - 6 = \_\_\_\_$
4. $7 + \_\_\_\_ = 11$	$11 - 7 = \_\_\_\_$
5. $\_\_\_\_ + 6 = 10$	$10 - 6 = \_\_\_\_$
6. $11 - \_\_\_\_ = 8$	$11 - 8 = \_\_\_\_$
7. $\_\_\_\_ + 7 = 16$	$16 - 7 = \_\_\_\_$

Mixed Review

Solve.

8. $6 + 7 = \_\_\_\_$	9. $8 + 5 = \_\_\_\_$	10. $9 + 4 = \_\_\_\_$
11. $13 - 5 = \_\_\_\_$	12. $13 - 7 = \_\_\_\_$	13. $13 - 9 = \_\_\_\_$
14. $9 + 3 = \_\_\_\_$	15. $8 + 3 = \_\_\_\_$	16. $9 + 8 = \_\_\_\_$

Name _____

LESSON 3.3

Remember Subtraction Facts

Solve.
Color the doubles facts red.
Color the count-back facts blue.
Color the all and zero facts
any way you like.

14 − 7	16 − 3	10 − 5	19 − 2	12 − 6
20 − 20	16 − 8	14 − 14	20 − 10	16 − 0
20 − 1	17 − 17	18 − 9	19 − 0	17 − 2

Mixed Review

Solve.

1. 7 + 2 = ____
2. 1 + 10 = ____
3. 8 + 3 = ____
4. 1 + 8 = ____
5. 3 + 9 = ____
6. 9 + 2 = ____
7. ____ + 8 = 10
8. 6 + ____ = 12

Name _____

Problem Solving • Write a Number Sentence

Draw a picture or make a model.
Write a number sentence to solve.

1. Julie bought 3 green apples and 5 red apples. How many apples did she buy?

   5 + 3 = 8

   8 apples

2. Mary has 6 dolls. Tasha has 4 dolls. How many more dolls does Mary have?

   _____ ◯ _____ = _____

   _____ more dolls

3. Joel planted 7 tomato seeds and 6 carrot seeds. How many seeds did he plant?

   _____ ◯ _____ = _____

   _____ seeds

4. Eddie had 16 peas. He ate 8 of them. How many peas does he have left?

   _____ ◯ _____ = _____

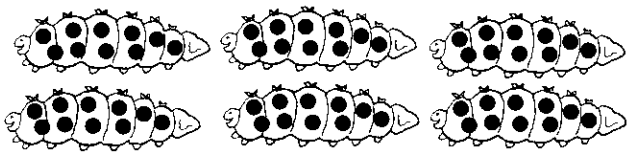
   _____ peas

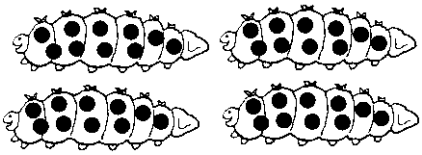
Name _____

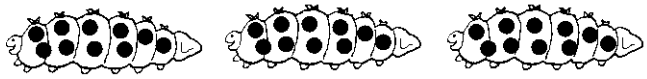
LESSON 4.1

Tens

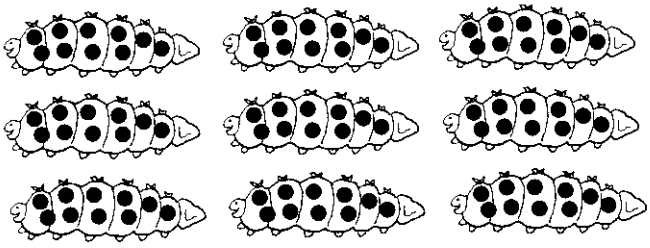
Count the spots. Write how many tens.
Then write how many ones.

1.  6 tens = 60 ones

2.  _____ tens = _____ ones

3.  _____ tens = _____ ones

4.  _____ tens = _____ ones

5.  _____ tens = _____ ones

Mixed Review

Solve.

6. 8 + 2 = _____ 3 + 2 = _____ 2 + 6 = _____

7. 4 + 4 = _____ 6 + 4 = _____ 1 + 8 = _____

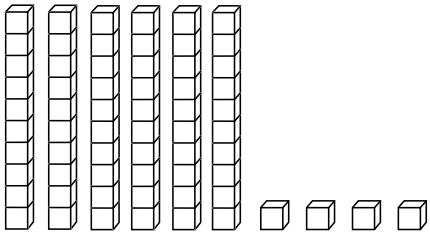
8. 5 − 3 = _____ 7 − 3 = _____ 9 − 4 = _____

9. 9 − 5 = _____ 12 − 6 = _____ 10 − 7 = _____

Name _____

Tens and Ones

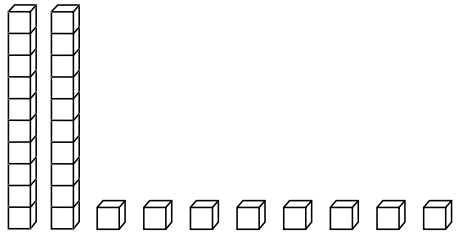
Write how many tens and ones in three different ways.

1. 

6 tens 4 ones = 64

60 + 4 = 64

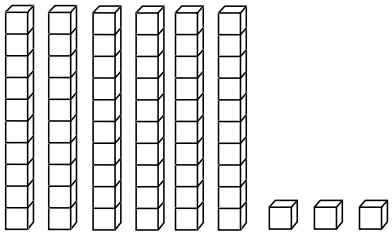
64

2. 

_____ tens _____ ones = _____

_____ + _____ = _____

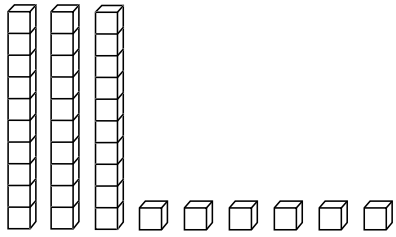
_____

3. 

_____ tens _____ ones = _____

_____ + _____ = _____

_____

4. 

_____ tens _____ ones = _____

_____ + _____ = _____

_____

Mixed Review

Solve.

5. 16 − 8 = _____ 12 − 5 = _____ 11 − 5 = _____

6. 10 − 6 = _____ 14 − 6 = _____ 11 − 7 = _____

7. 15 − 7 = _____ 13 − 3 = _____ 11 − 9 = _____

Name _____

LESSON 4.3

Understand Place Value

Circle the value of the underlined digit.

1. 6<u>5</u> (5) or 50	2. <u>3</u>7 3 or 30	3. <u>9</u>4 9 or 90
4. <u>1</u>9 1 or 10	5. 4<u>3</u> 3 or 30	6. <u>5</u>1 5 or 50
7. 8<u>7</u> 7 or 70	8. 1<u>2</u> 2 or 20	9. 7<u>5</u> 5 or 50
10. 3<u>9</u> 9 or 90	11. <u>8</u>7 8 or 80	12. <u>9</u>1 9 or 90

Mixed Review

Solve.

13. 6 + 7 = _____ 5 + 6 = _____ 4 + 9 = _____

14. 5 + 7 = _____ 5 + 4 = _____ 4 + 4 = _____

15. 8 + 6 = _____ 3 + 3 = _____ 5 + 3 = _____

Name _____

LESSON 4.4

Read and Write Numbers

Read the number.
Write the number in different ways.

1. thirty-six

3 tens 6 ones

30 + 6

36

2. fifty-five

____ tens ____ ones

____ + ____

____

3. seventy-two

____ tens ____ ones

____ + ____

____

4. eleven

____ ten ____ one

____ + ____

____

5. twenty-two

____ tens ____ ones

____ + ____

____

6. sixty-eight

____ tens ____ ones

____ + ____

____

Mixed Review

Solve.

7. 8 + _____ = 8 3 + _____ = 11 4 + _____ = 10

8. 7 + _____ = 9 2 + _____ = 6 5 + _____ = 10

9. 6 + _____ = 12 1 + _____ = 10 7 + _____ = 12

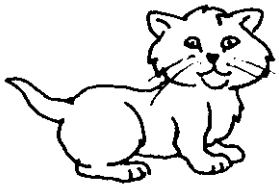
Name _____

LESSON 4.5

Problem Solving • Make Reasonable Estimates

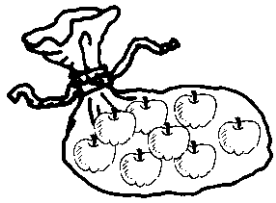
Circle the most reasonable estimate.

1. Lily has a few cats. About how many cats might she have?



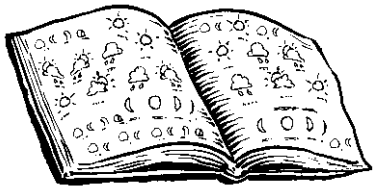
3 50 100

2. Kim bought a small bag of apples. About how many apples might she have?



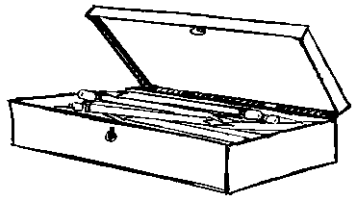
10 50 100

3. Ann has a large collection of stickers. About how many stickers might she have?



5 10 100

4. Erica bought a box of pencils. About how many pencils might be in the box?



5 10 50

5. Nick went to a class party. About how many children might be at the party?

5 20 100

6. Jerry took out some books from the library. About how many books might that be?

5 50 100

Name _____

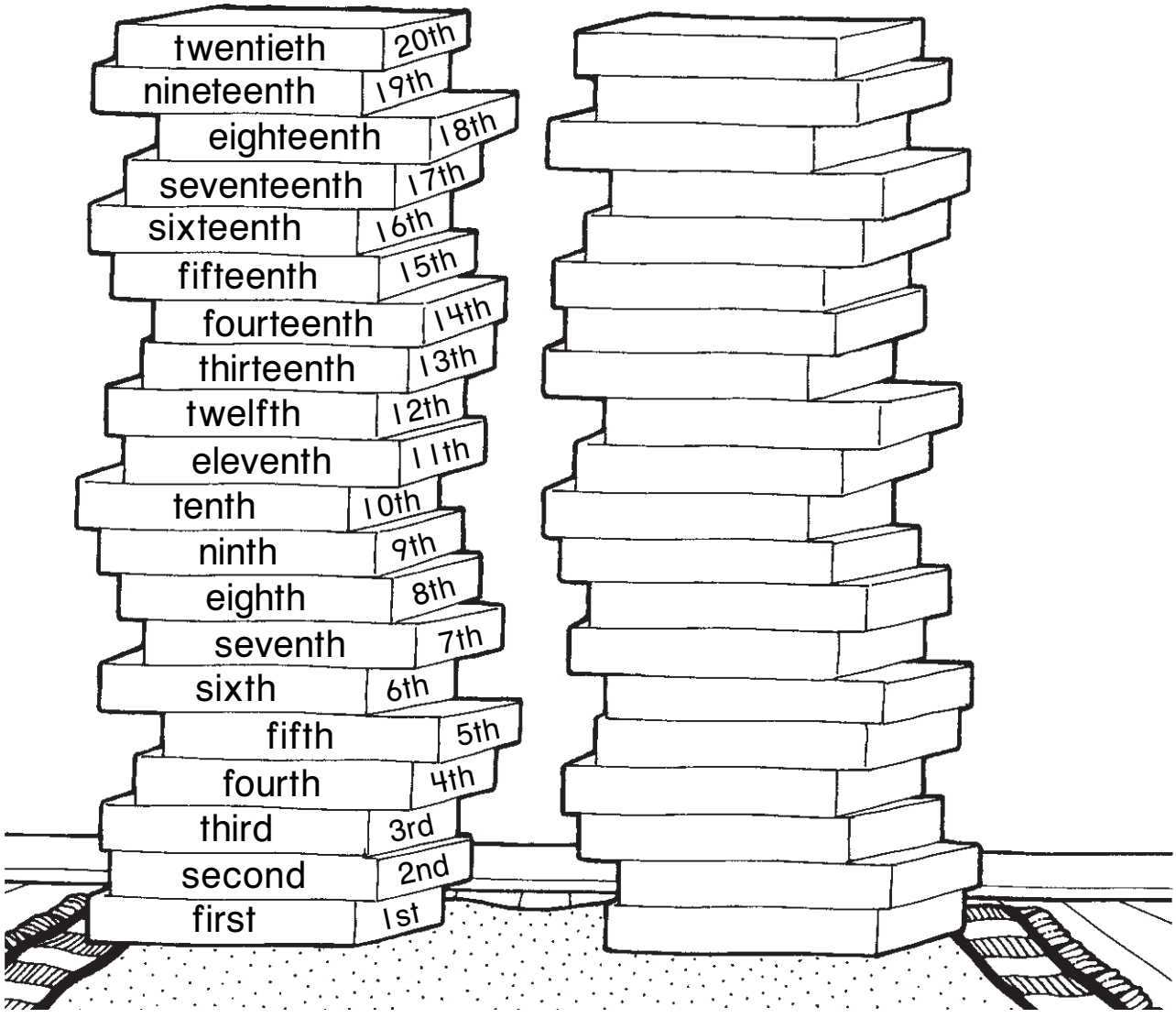
Ordinal Numbers

Vocabulary

Circle the **ordinal** numbers. sixteenth 16 16th

Color the boxes.

first, 4th, tenth — red	seventh, 11th, fifteenth — blue
second, fifth, 9th — orange	fourteenth, nineteenth, 12th — green
3rd, sixth, eighth — yellow	thirteenth, seventeenth — purple
16th, eighteenth, twentieth — black	



Name _____ LESSON 5.2

Compare Numbers: >, <, or =

Write greater than, less than, or equal to.
Then write >, <, or =.

1. 74 is less than 89.

74 < 89

2. 98 is _____ 87.

98 ◯ 87

3. 48 is _____ 43.

48 ◯ 43

4. 88 is _____ 99.

88 ◯ 99

5. 8 is _____ 8.

8 ◯ 8

6. 24 is _____ 38.

24 ◯ 38

7. 19 is _____ 16.

19 ◯ 16

8. 55 is _____ 55.

55 ◯ 55

Mixed Review

Solve.

9. 8 + 4 = ___ 6 + 8 = ___ 7 + 3 = ___

10. 9 + 9 = ___ 10 + 7 = ___ 5 + 8 = ___

11. 14 − 7 = ___ 16 − 8 = ___ 12 − 7 = ___

Order Numbers: Before, After, Between

Write the number that is just after, just before, or between.

	after	before	between
1.	48, 49	49, 50	35, 36, 37
2.	50, ____	____, 61	27, ____, 29
3.	19, ____	____, 76	74, ____, 76
4.	87, ____	____, 33	47, ____, 49
5.	56, ____	____, 62	8, ____, 10
6.	21, ____	____, 27	52, ____, 54

Mixed Review

Solve.

7.	9 + 4 = ___	8 + 8 = ___	5 + 9 = ___
8.	6 + 8 = ___	7 + 8 = ___	10 + 5 = ___
9.	13 − 9 = ___	16 − 9 = ___	15 − 8 = ___
10.	11 − 2 = ___	10 − 4 = ___	12 − 12 = ___

Name _____

LESSON 5.4

Even and Odd

Show the number of  .
Write even or odd.

1. 15 odd	2. 26 _____
3. 30 _____	4. 17 _____
5. 37 _____	6. 32 _____
7. 42 _____	8. 38 _____
9. 43 _____	10. 11 _____

Mixed Review

Solve.

11. 3 + 7 = ___	6 + 5 = ___	9 + 1 = ___
12. 7 + 8 = ___	7 + 6 = ___	7 + 7 = ___
13. 15 − 7 = ___	13 − 7 = ___	14 − 7 = ___
14. 12 − 5 = ___	10 − 4 = ___	11 − 6 = ___

Name _____

Skip-Count

Count by twos. Color those boxes 

.

Count by threes. Color those boxes 

.

Count by fours. Draw a triangle around those numbers.

Count by fives. Color those boxes 

.

Count by tens. Circle those numbers.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Mixed Review

Solve.

1. $7 + 6 + 1 =$ ___ $\quad 5 + 2 + 4 =$ ___ $\quad 2 + 4 + 6 =$ ___

2. $1 + 6 + 3 =$ ___ $\quad 7 + 4 + 2 =$ ___ $\quad 8 + 2 + 4 =$ ___

3. $3 + 9 + 0 =$ ___ $\quad 8 + 3 + 4 =$ ___ $\quad 6 + 6 + 4 =$ ___

Name _____

LESSON 5.6

Problem Solving • Find a Pattern

Find a pattern to complete the chart.
Write how many.

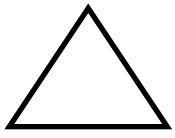
1. How many wheels are on 6 wagons?

number of wagons	1	2	3	4	5	6
number of wheels	4	8				

There are _____ wheels on 6 wagons.

---

2. How many corners are on 7 triangles?



number of triangles	1	2	3	4	5	6	7
number of corners							

There are _____ corners on 7 triangles.

---

3. How many pennies have the same value as 8 nickels?

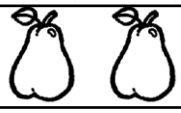
number of nickels	1	2	3	4	5	6	7	8
number of pennies								

_____ pennies have the same value as 8 nickels.

Name _____

Picture Graph

Use the graph to answer the questions.

Favorite Fruit	
apples	
pears	
oranges	
bananas	

1. Which is the favorite of the most people? apples

2. Which is the favorite of the fewest people? _____

3. How many more people like apples than oranges? _____ more people

4. How many fewer people like pears than bananas? _____ fewer people

Mixed Review

Solve.

5. 6¢ + 7¢ = _____¢ 4¢ + 8¢ = _____¢

6. 2¢ + 5¢ = _____¢ 3¢ + 7¢ = _____¢

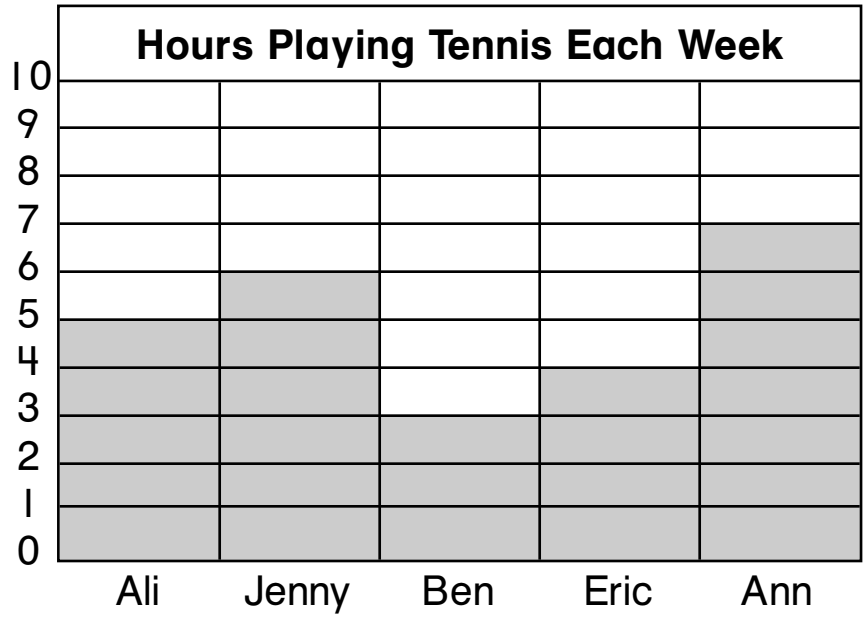
7. 3¢ + 4¢ = _____¢ 9¢ + 8¢ = _____¢

Name _____

LESSON 6.2

Bar Graph

Use the graph to answer the questions.



1. How many hours does Ann spend playing tennis each week? _____ hours

2. Who spends the fewest hours playing tennis? _____

3. Who spends one more hour than Ben playing tennis? _____

4. How many more hours does Ann spend playing tennis than Jenny? _____ more hours

Mixed Review

Write *true* or *false*.

5. 12 > 5 _____ 4 > 2 _____

6. 13 < 4 _____ 12 > 14 _____

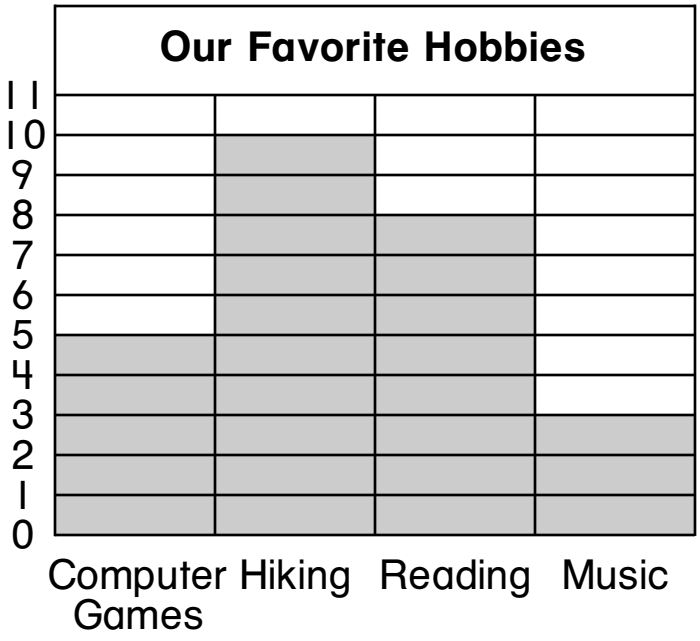
Name _____

LESSON 6.3

Problem Solving • Use a Graph

Jamie's class made a tally chart and a graph to find out the children's favorite hobbies.

Our Favorite Hobbies	
Computer Games	𝍸
Hiking	𝍸 𝍸
Reading	𝍸 |||
Music	|||



Use the graph to answer the questions.

1. Which is the favorite hobby in the class? _____

2. Which is the least favorite hobby? _____

3. How many children in all like computer games or reading? ___ + ___ = ___

4. How many children like hiking or music? ___ + ___ = ___

5. How many more like reading than music? ___ − ___ = ___

6. How many more like hiking than computer games? ___ − ___ = ___

Name _____

LESSON 6.4

Take a Survey

Which color do your classmates like best?
Take a survey and make a graph to find out.

1. Ask 10 people which color is their favorite. Fill in the tally table to show their answers.

Favorite Colors	
red	
green	
blue	
yellow	

2. Use the tally table to fill in the graph.

Favorite Colors											
red											
green											
blue											
yellow											
	0	1	2	3	4	5	6	7	8	9	10

3. How many people like blue best? ___ people

4. Which color do the most people like best? _____

5. Which color do the fewest people like best? _____

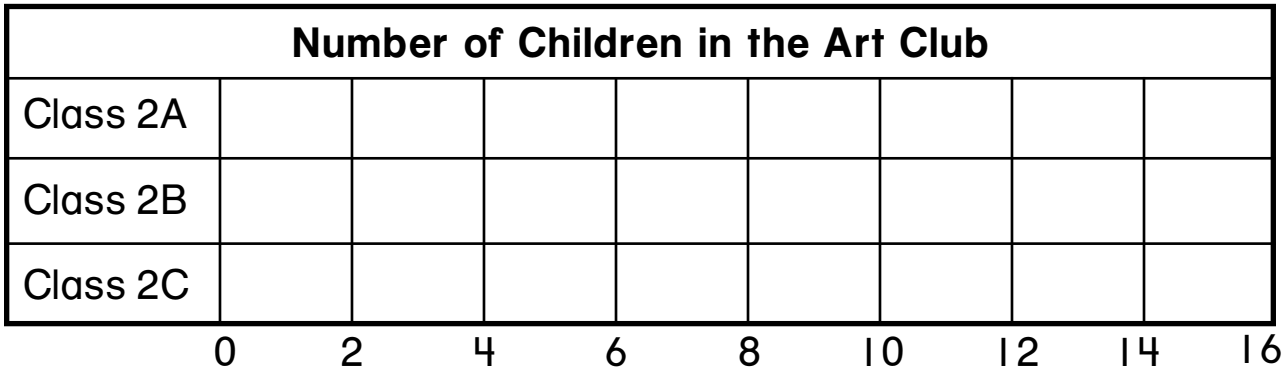
6. How many people in all like blue and red best? ___ people

Name _____

Interpret Data

Use the table to fill in the bar graph.

Number of Children in the Art Club	
Class 2A	14
Class 2B	10
Class 2C	6



Key: Each ▭ stands for 2 children.

1. Which class has the least number of children in the art club? Class _____

2. How many children from 2B are in the art club? _____ children

3. How many children from 2A and 2C are in the art club? _____ children

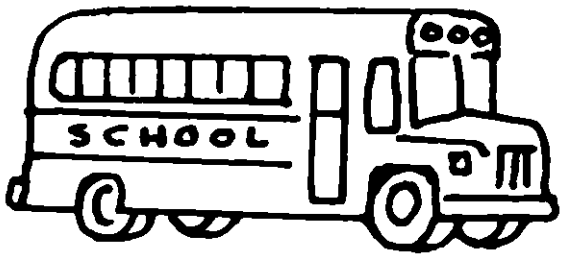
4. What is the difference between the number of children in class 2A and 2B? _____ children

Name _____

LESSON 6.6

Use Pictographs

Children Who Ride the Bus to School	
Room 201	𝍸 | | |
Room 202	𝍸 𝍸
Room 203	| | | |



Use the tally table to fill in the pictograph.

Draw 1 ☺ for every 2 children.

Children Who Ride the Bus to School	
Room 201	☺ ☺ ☺ ☺
Room 202	
Room 203	

Key: Each ☺ stands for 2 children.

Use the pictograph to answer the questions.

1. How many children in Room 203 ride the bus?
   4
   _____ children

2. Which room has the fewest children who ride the bus?
   _____

3. How many more children in Room 202 ride the bus than in Room 203?
   _____ more children

4. How many children in Rooms 201 and 202 ride the bus?
   _____ children

Name _____

Pennies, Nickels, and Dimes

Vocabulary

Write the value.

1.  or 
 or 
 or 

1 **penny** = ____¢ 1 **nickel** = ____¢ 1 **dime** = ____¢

Count on to find the total amount.

2. 

10 ¢, ____¢, ____¢, ____¢, ____¢, ____¢ 41 ¢

---

3. 

____¢, ____¢, ____¢, ____¢, ____¢, ____¢ ☐ ¢

---

4. 

____¢, ____¢, ____¢, ____¢, ____¢, ____¢ ☐ ¢

Mixed Review

Complete.

5. 12, ___, 18, 21 25, 30, ___, 40

6. ___, 50, 60, 70 32, ___, 36, 38

Name _____

LESSON 7.2

Quarters and Half-Dollars

Count on to find the total amount.

1. 

25¢, ____¢, ____¢, ____¢, ____¢, ____¢ ☐¢

2. 

____¢, ____¢, ____¢, ____¢, ____¢, ____¢ ☐¢

3. 

____¢, ____¢, ____¢ ☐¢

4. 

____¢, ____¢, ____¢, ____¢, ____¢ ☐¢

Mixed Review

Solve.

5. 4 + 8 = ___ 7 + 6 = ___ 8 + 7 = ___

6. 15 − 7 = ___ 12 − 7 = ___ 14 − 6 = ___

Name _____

Count Collections

Draw and label the coins in order from greatest to least value. Find the total amount.

1.

50 ¢

2.

_____ ¢

3.

_____ ¢

Mixed Review

Write > or <.

4.	87 ◯ 75	27 ◯ 29	13 ◯ 9
5.	61 ◯ 69	47 ◯ 42	14 ◯ 8
6.	22 ◯ 18	92 ◯ 99	64 ◯ 66

Name _____

LESSON 7.4

1 Dollar

Vocabulary

Circle the answer.

1. **One dollar** = 10 pennies or 100 pennies

Use coins. Show ways to make $1.00.
Write how many of each coin.

2.	1	1	1	2	5
3.					
4.					
5.					
6.					

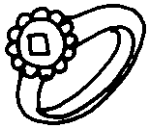
Mixed Review

Write even or odd.

7.	17 _____	18 _____	19 _____
8.	26 _____	38 _____	30 _____

Name _____

Problem Solving • Draw a Picture

Toys	Price
yo-yo 	69¢
ring 	25¢
ball 	93¢
boat 	75¢

Use the table to solve the problems.
Choose coins to buy each toy.
Draw the coins you used.

1. a boat 

2. a ring 

3. a ball 

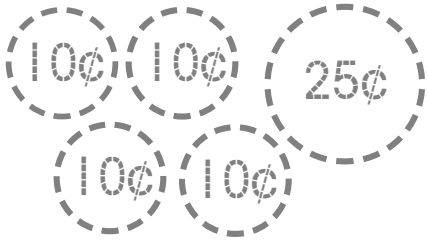
4. a yo-yo 

Name _____

LESSON 8.1

Make the Same Amounts

Use coins. Show the amount of money in two ways.
Draw and label each coin.

1. 65¢		
2. 47¢		
3. 89¢		

Mixed Review

Solve.

4. 12 − 3 = _____ 9 + 5 = _____ 7 + 7 = _____

5. 12 − 9 = _____ 16 − 8 = _____ 13 − 13 = _____

6. 7 + 9 = _____ 9 + 9 = _____ 9 + 8 = _____

Name _____

Same Amounts Using Fewest Coins

Write the amount. Then show the same amount with the fewest coins. Draw and label each coin.

1.

60 ¢

50¢ 10¢

2.

_____ ¢

3.

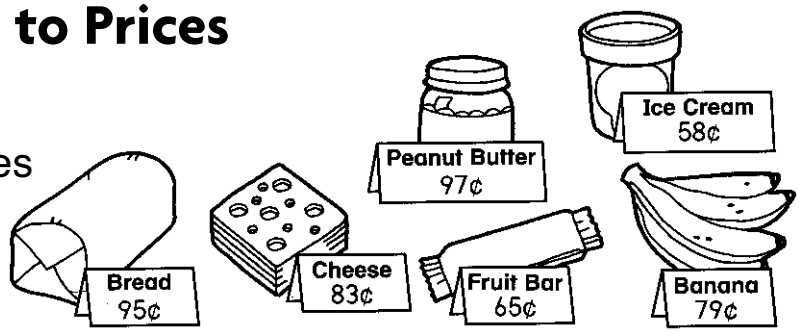
_____ ¢

Name _____

LESSON 8.3

Compare Amounts to Prices

Write the amount.
Write the names and prices of foods you could buy.



80 ¢

1. _____ _____¢

2. _____ _____¢

_____¢

3. _____ _____¢

4. _____ _____¢

_____¢

5. _____ _____¢

6. _____ _____¢

Mixed Review

Write > or <.

7. 88 ◯ 98 62 ◯ 59 27 ◯ 25

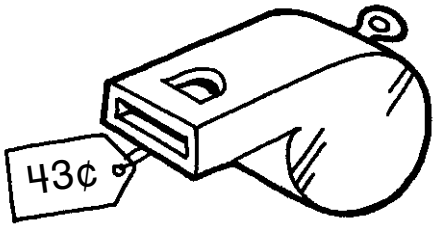
Name _____

LESSON 8.4

Make Change

Count on from the price to find the change.
Start with pennies first. Then use nickels or dimes.

1. You have 55¢. You buy



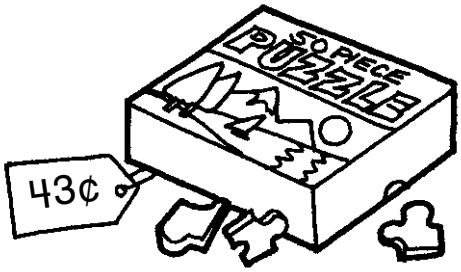
1¢ 1¢ 10¢

44 ¢, 45 ¢, 55 ¢

Your change is 12¢.

---

2. You have 50¢. You buy

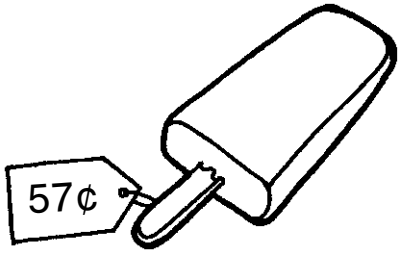


44 ¢, _____ ¢, _____ ¢

Your change is _____.

---

3. You have 70¢. You buy



58 ¢, _____ ¢, _____ ¢, _____ ¢

Your change is _____.

Mixed Review

Solve.

4. 7 + _____ = 15 6 + _____ = 14 6 + _____ = 12

5. 16 − _____ = 8 12 − _____ = 7 14 − _____ = 8

6. 9 + _____ = 15 5 + _____ = 14 9 + _____ = 18

Name _____

LESSON 8.5

Problem Solving • Make a List

There are 5 coins in Lisa's bag.
None of the coins is greater than 10¢.
What coins could there be?
Make a list to find out.

dimes	nickels	pennies	total amount
5	0	0	50¢

Mixed Review

Solve.

1. ____, 10, 11, 12

2. 1, 2, ____, 4, 5

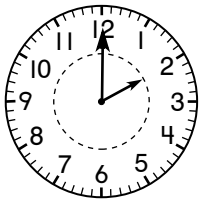
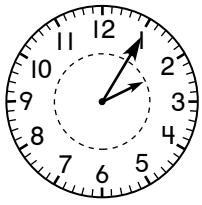
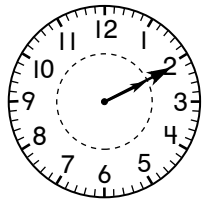
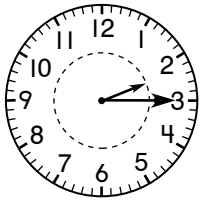
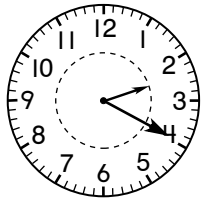
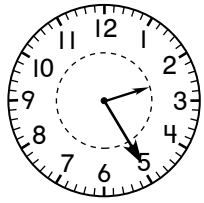
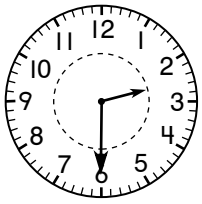
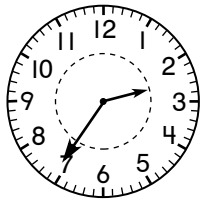
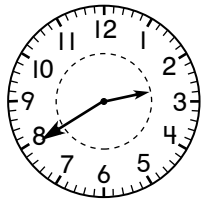
3. 7, ____, 9, 10

4. 10, ____, 12, 13

Name _____

Tell Time to 5 Minutes

Write the time.

1.	 2:00	 :	 :
2.	 :	 :	 :
3.	 :	 :	 :

Mixed Review

Complete the pattern.

4. 44, 46, 48, _____ 70, 80, 90, _____
5. 12, 14, 16, _____ 75, 80, 85, _____
6. 21, 23, 25, _____ 9, 12, 15, _____
7. 28, 38, 48, _____ 66, 68, 70, _____

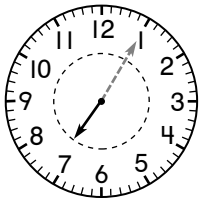
Name _____

LESSON 9.2

Time After the Hour

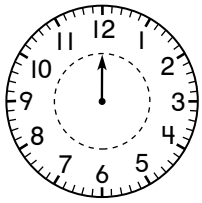
Draw the minute hand to show the time.
Write the time.

1. 5 minutes after 7



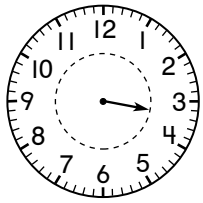
7:05

2. 15 minutes after 12



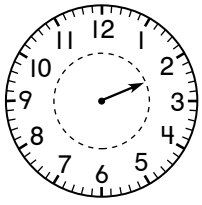
_____ : _____

3. 30 minutes after 3



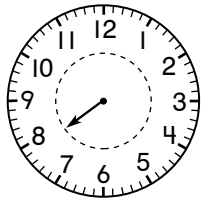
_____ : _____

4. quarter past 2



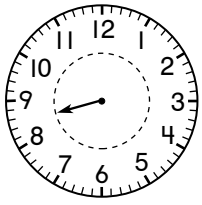
_____ : _____

5. 40 minutes after 7



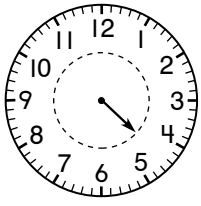
_____ : _____

6. half past 8



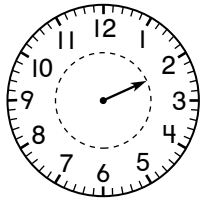
_____ : _____

7. 45 minutes after 4



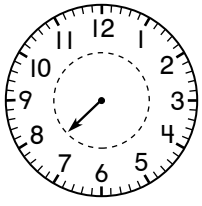
_____ : _____

8. 20 minutes after 2



_____ : _____

9. 25 minutes after 7



_____ : _____

Mixed Review

Solve.

10. $5 + 10 =$ ____ $10 - 6 =$ ____ $16 - 8 =$ ____

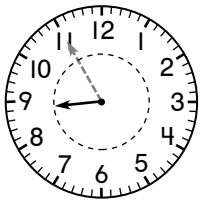
11. $9 + 3 =$ ____ $10 + 5 =$ ____ $11 - 5 =$ ____

Name _____

Time Before the Hour

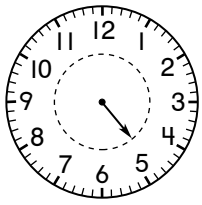
Draw the minute hand to show the time.
Write the time.

1. 5 minutes before 9



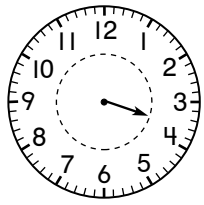
8:55

2. 15 minutes before 5



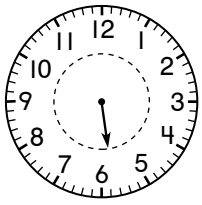
_____ : _____

3. 20 minutes before 4



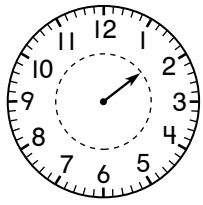
_____ : _____

4. 10 minutes before 6



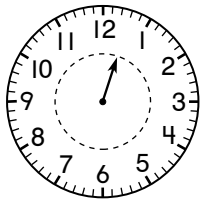
_____ : _____

5. quarter to 2



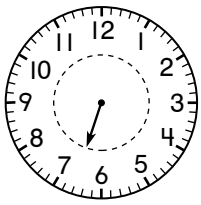
_____ : _____

6. 25 minutes before 1



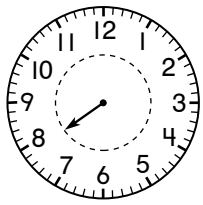
_____ : _____

7. 20 minutes before 7



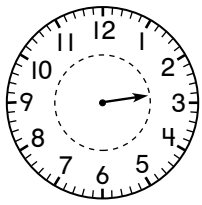
_____ : _____

8. 5 minutes before 8



_____ : _____

9. quarter to 3



_____ : _____

Mixed Review

Fill in the pattern.

10. 15, 20, _____, 30, 35

11. _____, 40, 50, 60, 70

12. 15, 18, 21, 24, _____

13. 6, _____, 10, 12, 14

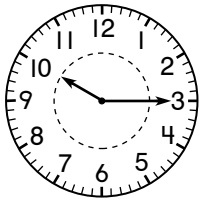
Name _____

LESSON 9.4

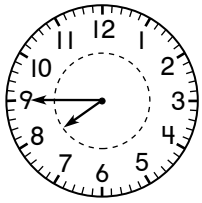
Practice Telling Time

Write the time.

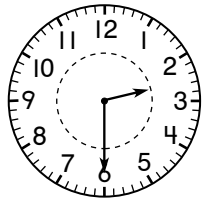
1.



10:15

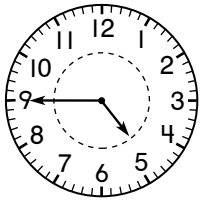


_____ : _____

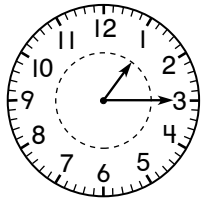


_____ : _____

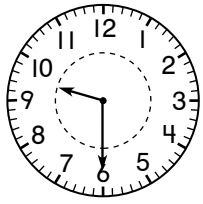
2.



_____ : _____

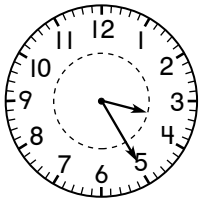


_____ : _____

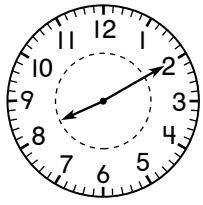


_____ : _____

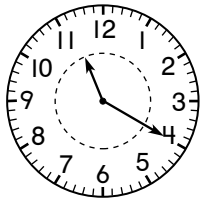
3.



_____ : _____

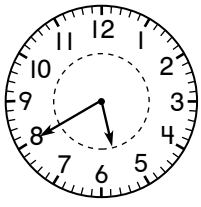


_____ : _____

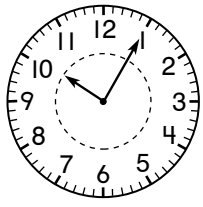


_____ : _____

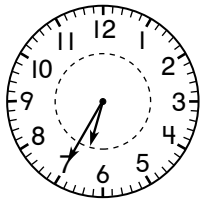
4.



_____ : _____



_____ : _____



_____ : _____

Mixed Review

Write > or <.

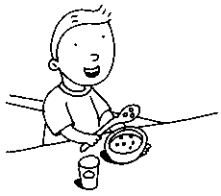
5. 36 ◯ 63 22 ◯ 12 66 ◯ 56

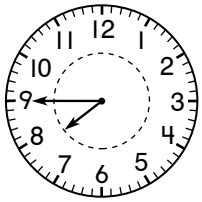
Name _____

Daily Events

Write the correct time.
Circle A.M. or P.M.

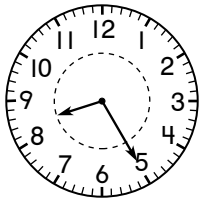
1. eat breakfast

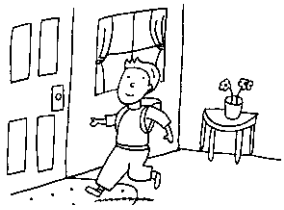




7:45 A.M. P.M.

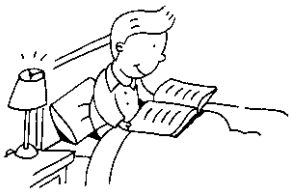
2. go to school

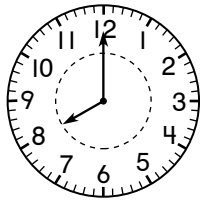




_____ A.M. P.M.

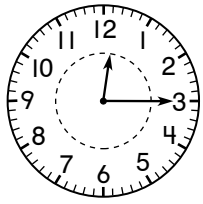
3. read before bed

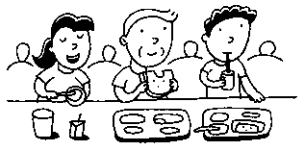




_____ A.M. P.M.

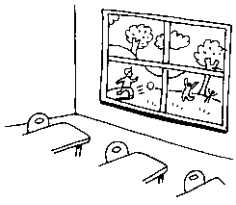
4. eat lunch at school

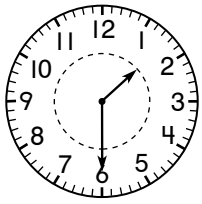




_____ A.M. P.M.

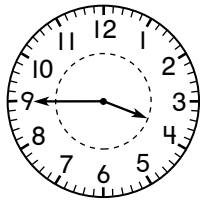
5. have recess





_____ A.M. P.M.

6. go to practice



_____ A.M. P.M.

Mixed Review

Complete the pattern.

7. 20, 25, 30, ____ 6, 8, 10, ____ 15, 17, 19, ____

8. 12, 15, 18, ____ 80, 90, 100, ____ 55, 60, 65, ____

Name _____

LESSON 10.2

Problem Solving • Use a Model

Use a  to help solve the problem.

Write how much time has passed.

1. Sam begins to play tennis at 3:30 P.M. He finishes playing at 4:30 P.M. How much time has passed?

_____ hour

2. June begins to eat lunch at 12:10 P.M. She finishes at 12:30 P.M. How much time has passed?

_____ minutes

3. Bill takes a nap at 3:15 P.M. He wakes up at 4:00 P.M. How much time has passed?

_____ minutes

4. Sue's family takes a trip to the beach. The family leaves home at 9:15 A.M. They get to the beach at 12:15 P.M. How much time has passed?

_____ hours

5. Allison begins to read her book at 4:00 P.M. She finishes the book at 6:00 P.M. How much time has passed?

_____ hours

6. Ali delivers newspapers. He begins at 6:30 A.M. He finishes at 7:30 A.M. How much time has passed?

_____ hour

7. Andy takes a bath at 7:45 P.M. He gets out of the bath at 8:00 P.M. How much time has passed?

_____ minutes

8. The children play in the yard. They begin to play at 11:30 A.M. They finish at 2:30 P.M. How much time has passed?

_____ hours

Mixed Review

What number comes between?

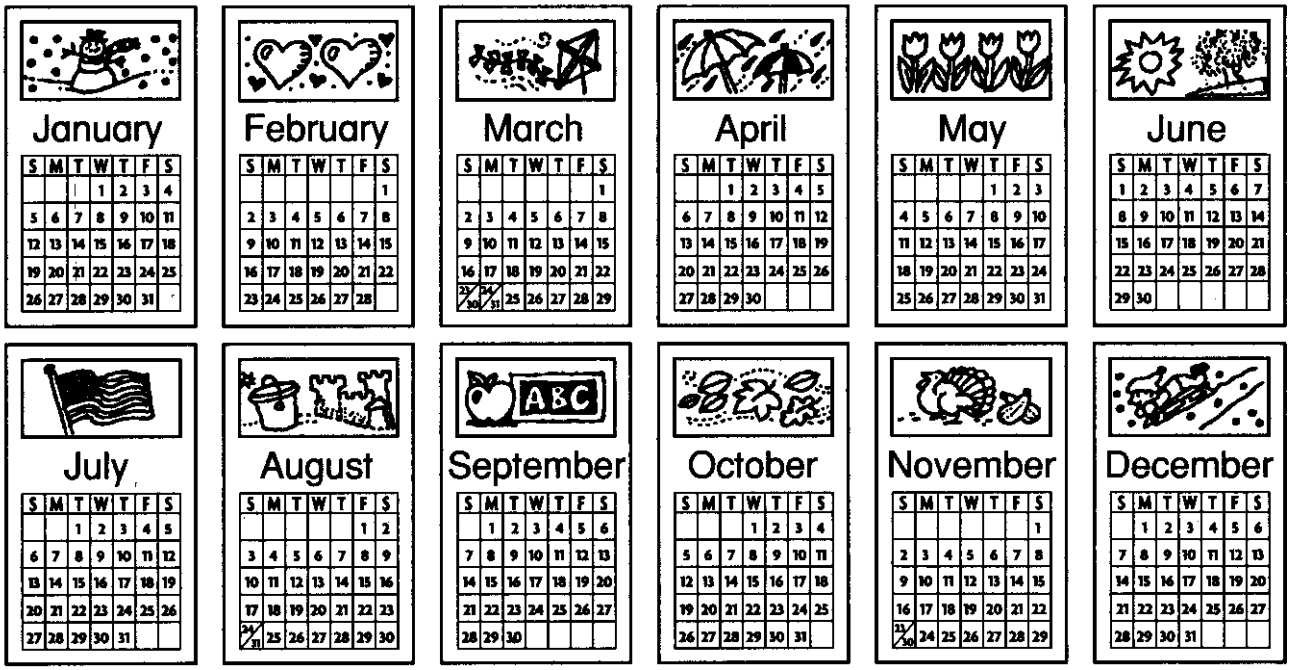
9. 69, _____, 71 33, _____, 35 29, _____, 31

10. 3, _____, 5 89, _____, 91 79, _____, 81

Name _____

Use a Calendar

Use the **calendar** to answer the questions.



January

S	M	T	W	T	F	S
		1	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

March

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24/31	25	26	27	28	29

April

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

May

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

June

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

July

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

August

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24/31	25	26	27	28	29	30

September

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

October

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

November

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24	25	26	27	28	29

December

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

1. At the end of which month does the year end?

December

2. What is the third month of the year?

3. Which month follows July?

4. What day is one week before September 12?

5. How many Saturdays are in the month of April?

6. How many days are in the month of April?

Mixed Review

Complete the pattern.

7. 15, 20, 25, _____ 24, 26, 28, _____, _____

8. 43, 53, 63, _____ 13, 16, 19, _____, _____

Name _____

LESSON 10.4

Estimate Time

About how long will it take?
Circle the reasonable estimate.

1.

take out the garbage

(5 minutes) 5 days

2.

wash the dishes

30 hours 30 minutes

3.

do homework

2 minutes 2 hours

4.

walk to school

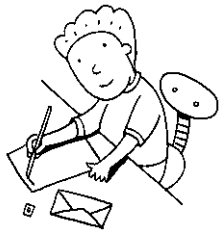
10 days 10 minutes

5.

drink a glass of milk

3 minutes 3 months

6.



write a letter

15 minutes 15 weeks

Mixed Review

What number comes between?

7. 14, _____, 16 19, _____, 21 29, _____, 31

8. 89, _____, 91 40, _____, 42 66, _____, 68

Name _____

Time Relationships

Write *more than*, *less than*, or *the same as* for each sentence.

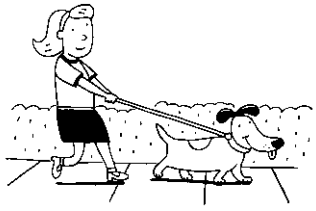
Time Relationships
There are 60 minutes in 1 hour.
There are 24 hours in 1 day.
There are 7 days in 1 week.
There are 28, 30, or 31 days in 1 month.
There are 12 months in 1 year.
There are about 52 weeks in 1 year.

1. Steve plays ball after school every day for 4 straight days.

This is less than 1 week.

2. It takes Pam 30 minutes to walk her dog.

This is _____ 1 hour.

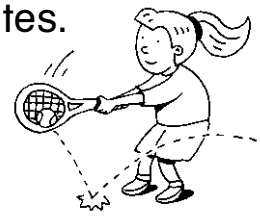


3. Tim goes to summer camp for 45 days.

This is _____ 1 month.

4. Annie plays tennis for 1 hour.

This is _____ 60 minutes.



5. The soccer game lasted for 2 hours.

This is _____ 1 day.

Mixed Review

What number comes between?

6. 13, _____, 11 86, _____, 84 56, _____, 58

7. 55, _____, 53 98, _____, 96 49, _____, 51

Name _____

LESSON 11.1

Add Tens

Add.

1. $\begin{array}{r} 2 \\ +\ 4 \\ \hline 6 \end{array}$	$\begin{array}{r} 2 \text{ tens} \\ +\ 4 \text{ tens} \\ \hline 6 \text{ tens} \end{array}$	$\begin{array}{r} 20 \\ +\ 40 \\ \hline 60 \end{array}$	2. $\begin{array}{r} 5 \\ +\ 4 \\ \hline \end{array}$	$\begin{array}{r} 5 \text{ tens} \\ +\ 4 \text{ tens} \\ \hline \text{tens} \end{array}$	$\begin{array}{r} 50 \\ +\ 40 \\ \hline \end{array}$
3. $\begin{array}{r} 7 \\ +\ 2 \\ \hline \end{array}$	$\begin{array}{r} 7 \text{ tens} \\ +\ 2 \text{ tens} \\ \hline \text{tens} \end{array}$	$\begin{array}{r} 70 \\ +\ 20 \\ \hline \end{array}$	4. $\begin{array}{r} 6 \\ +\ 1 \\ \hline \end{array}$	$\begin{array}{r} 6 \text{ tens} \\ +\ 1 \text{ tens} \\ \hline \text{tens} \end{array}$	$\begin{array}{r} 60 \\ +\ 10 \\ \hline \end{array}$
5. $\begin{array}{r} 4 \\ +\ 3 \\ \hline \end{array}$	$\begin{array}{r} 4 \text{ tens} \\ +\ 3 \text{ tens} \\ \hline \text{tens} \end{array}$	$\begin{array}{r} 40 \\ +\ 30 \\ \hline \end{array}$	6. $\begin{array}{r} 8 \\ +\ 0 \\ \hline \end{array}$	$\begin{array}{r} 8 \text{ tens} \\ +\ 0 \text{ tens} \\ \hline \text{tens} \end{array}$	$\begin{array}{r} 80 \\ +\ 0 \\ \hline \end{array}$
7. $\begin{array}{r} 1 \\ +\ 4 \\ \hline \end{array}$	$\begin{array}{r} 1 \text{ tens} \\ +\ 4 \text{ tens} \\ \hline \text{tens} \end{array}$	$\begin{array}{r} 10 \\ +\ 40 \\ \hline \end{array}$	8. $\begin{array}{r} 5 \\ +\ 3 \\ \hline \end{array}$	$\begin{array}{r} 5 \text{ tens} \\ +\ 3 \text{ tens} \\ \hline \text{tens} \end{array}$	$\begin{array}{r} 50 \\ +\ 30 \\ \hline \end{array}$

Mixed Review

Solve.

9. $8 + 8 =$ _____ $\quad 7 + 4 =$ _____ $\quad$ _____ $+ 6 = 13$

10. _____ $+ 7 = 15 \quad 3 + 7 =$ _____ $\quad$ _____ $+ 6 = 15$

11. $9 +$ _____ $= 15 \quad 7 +$ _____ $= 14 \quad 9 +$ _____ $= 12$

Name _____

Count on Tens and Ones

Count on to add.

1.	30 +39 69	75 + 3	61 +30	54 + 2	18 +20
2.	1 +29	44 +20	67 +10	83 + 3	2 +41
3.	90 + 3	3 +18	54 +30	74 + 2	38 +10
4.	2 +59	21 + 3	36 +20	55 +10	67 + 2

Mixed Review

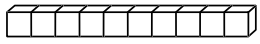
What comes next? Write the number.

5.	3, 6, 9, ____	7, 8, 9, ____	22, 24, 26, ____
6.	25, 30, 35, ____	20, 30, 40, ____	10, 12, 14, ____

Name _____

LESSON 11.3

Model Adding 1-Digit to 2-Digits

Use Workmat 3 and   .

Show.	Add the ones. Are there 10 or more ones? If so, regroup 10 ones as 1 ten.	Write how many tens and ones.
1. 16 + 7	(Yes) No	2 tens 3 ones
2. 34 + 7	Yes No	___ tens ___ one
3. 46 + 4	Yes No	___ tens ___ ones
4. 63 + 5	Yes No	___ tens ___ ones
5. 38 + 5	Yes No	___ tens ___ ones

Mixed Review

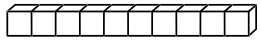
Solve.

6. 13 − 7 = _____ 10 − 10 = _____ 14 − 7 = _____

7. 15 − 8 = _____ 16 − 8 = _____ 12 − 5 = _____

Name _____

Model 2-Digit Addition

Use Workmat 3 and   .

Show.	Add the ones. Are there 10 or more ones? If so, regroup 10 ones as 1 ten.		Write how many tens and ones.
1. 27 + 16	Yes	No	4 tens 3 ones
2. 35 + 16	Yes	No	___ tens ___ one
3. 44 + 55	Yes	No	___ tens ___ ones
4. 57 + 25	Yes	No	___ tens ___ ones
5. 62 + 34	Yes	No	___ tens ___ ones

Mixed Review

Solve.

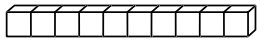
6. 10 − 2 = _____ 11 − 7 = _____ 15 − 8 = _____

7. 7 + 7 = _____ 6 + 8 = _____ 9 + 4 = _____

Name _____

LESSON 11.5

Problem Solving • Make a Model

Use Workmat 3 and   .
Add. Regroup if you need to.
Write the sum.

1. The sports store sold 13 mitts last week and 17 mitts this week. How many mitts were sold?

30 mitts

tens	ones
1	3
+ 1	7
3	0

2. There are 20 baseball bats for sale on the shelf. There are 19 bats in the back room. How many bats are for sale in all?

____ bats

tens	ones
+	

3. One box holds 18 baseballs. Another box holds 23 baseballs. How many baseballs are there in all?

____ baseballs

tens	ones
+	

4. 19 children buy baseball caps on Monday. 16 children buy caps on Tuesday. How many caps were sold in all?

____ caps

tens	ones
+	

Name _____

Add 2-Digit Numbers

Use Workmat 3 and  .
Add. Regroup if you need to.

1.

Tens	Ones
1	
5	1
+	9
6	0

2.

Tens	Ones
3	5
+ 1	9

3.

Tens	Ones
1	1
+ 4	9

4.

Tens	Ones
4	4
+	8

5.

Tens	Ones
1	5
+	8

6.

Tens	Ones
2	3
+ 3	4

7.

Tens	Ones
4	9
+ 4	1

8.

Tens	Ones
1	4
+ 2	9

9.

Tens	Ones
7	7
+	7

10.

Tens	Ones
2	7
+	9

11.

Tens	Ones
6	1
+	9

12.

Tens	Ones
3	8
+	6

Mixed Review

Write the number.

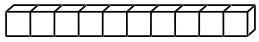
13. 5 tens 5 ones = _____ 3 tens 7 ones = _____

14. 6 tens 3 ones = _____ 4 tens 5 ones = _____

Name _____

LESSON 12.2

More 2-Digit Addition

Use Workmat 3 and   .
Add. Regroup if you need to.

1.

Tens	Ones
1	
2	8
+ 4	5
7	3

2.

Tens	Ones
1	4
+ 3	6

3.

Tens	Ones
7	5
+ 1	6

4.

Tens	Ones
3	5
+ 2	6

5.

Tens	Ones
6	7
+ 1	9

6.

Tens	Ones
5	9
+ 1	8

7.

Tens	Ones
5	7
+ 2	2

8.

Tens	Ones
4	2
+ 1	9

9.

Tens	Ones
2	6
+ 2	6

10.

Tens	Ones
4	4
+ 1	7

11.

Tens	Ones
4	6
+ 2	5

12.

Tens	Ones
5	7
+ 3	8

Mixed Review

Solve.

13.

3	6	7	9	7	4
+ 9	+ 4	+ 7	+ 8	+ 6	+ 8

Name _____

LESSON 12.3

Rewrite 2-Digit Addition

Rewrite the numbers in each problem.
Then add.

1. 53 + 18

Tens	Ones
1	
5	3
+ 1	8
7	1

2. 26 + 13

Tens	Ones
+	

3. 17 + 7

Tens	Ones
+	

4. 38 + 29

Tens	Ones
+	

5. 44 + 44

Tens	Ones
+	

6. 37 + 53

Tens	Ones
+	

7. 23 + 39

Tens	Ones
+	

8. 66 + 13

Tens	Ones
+	

9. 59 + 19

Tens	Ones
+	

10. 57 + 8

Tens	Ones
+	

11. 81 + 12

Tens	Ones
+	

12. 46 + 44

Tens	Ones
+	

Mixed Review

Solve.

13.

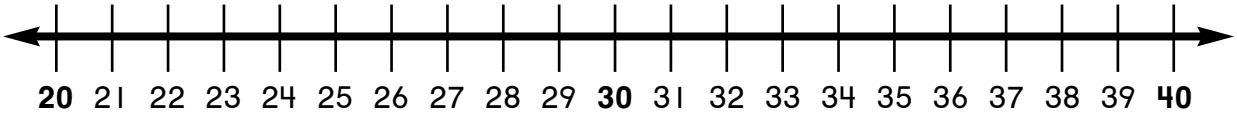
14	13	10	16	15
− 5	− 7	− 3	− 7	− 9

Name _____

LESSON 12.4

Problem Solving • Estimate Sums

Use the number line to round. Show your addition problem.



	Estimate
1. Lou has 27 apples. Bobby gives him 22 apples. About how many apples does Lou have? 50 apples	30 + 20 50
2. Brenda has 33 oranges. Sally gives her 39 oranges. About how many oranges does Brenda have? _____ oranges	+ _____
3. Steve has 26 peaches. Jill gives him 34 peaches. About how many peaches does Steve have? _____ peaches	+ _____
4. Emma has 21 pears. She buys 38 more pears. About how many pears does Emma have? _____ pears	+ _____

Name _____

LESSON 13.1

More 2-Digit Addition

Add.

1.

tens	ones
5	3
+ 2	7
8	0

tens	ones
4	3
+ 1	9

tens	ones
7	2
+ 2	6

tens	ones
3	5
+ 3	6

2.

tens	ones
6	5
+ 1	7

tens	ones
1	8
+ 1	5

tens	ones
2	8
+ 3	2

tens	ones
1	4
+ 2	7

3.

tens	ones
3	6
+ 4	5

tens	ones
2	8
+ 2	7

tens	ones
6	1
+ 3	5

tens	ones
2	5
+ 1	5

Mixed Review

Solve.

4. 2 + 7 = ____ 7 + 1 = ____ 4 + 3 = ____

5. 52 + 3 = ____ 36 + 2 = ____ 61 + 8 = ____

Name _____

LESSON 13.2

Use Mental Math to Find Sums

Use mental math to add.

1. 17 + 56 = 73

Think.
Add the tens. 10 + 50 = 60
Then add the ones. 7 + 6 = 13
Add the tens and ones.
60 + 13 = 73

2. 22 + 35 = _____

Think.

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ = _____

3. 51 + 20 = _____

Think.

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ = _____

4. 48 + 47 = _____

Think.

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ = _____

5. 32 + 48 = _____

Think.

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ = _____

6. 57 + 41 = _____

Think.

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ = _____

Mixed Review

Solve.

7. 17 + 5 = ___ 42 + 6 = ___ 6 + 22 = ___

8. 55 − 3 = ___ 27 − 2 = ___ 18 − 4 = ___

Name _____

Practice Adding 2-Digit Numbers

Look at the tens. In each row, circle in red the problem that will have the greatest sum. In each row, circle in blue the problem that will have the least sum. Then add.

1.	$\begin{array}{r} {\scriptstyle 1} \\ 25 \\ +\ 18 \\ \hline 43 \end{array}$	$\begin{array}{r} 12 \\ +\ 15 \\ \hline \end{array}$	$\begin{array}{r} 49 \\ +\ 12 \\ \hline \end{array}$	$\begin{array}{r} 57 \\ +\ 28 \\ \hline \end{array}$	$\begin{array}{r} 71 \\ +\ 19 \\ \hline \end{array}$
2.	$\begin{array}{r} 22 \\ +\ 10 \\ \hline \end{array}$	$\begin{array}{r} 39 \\ +\ 46 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ +\ 46 \\ \hline \end{array}$	$\begin{array}{r} 65 \\ +\ 32 \\ \hline \end{array}$	$\begin{array}{r} 47 \\ +\ 17 \\ \hline \end{array}$
3.	$\begin{array}{r} 56 \\ +\ \ 4 \\ \hline \end{array}$	$\begin{array}{r} 35 \\ +\ 14 \\ \hline \end{array}$	$\begin{array}{r} 26 \\ +\ 46 \\ \hline \end{array}$	$\begin{array}{r} 43 \\ +\ 19 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ +\ 36 \\ \hline \end{array}$
4.	$\begin{array}{r} 75 \\ +\ 18 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ +\ 22 \\ \hline \end{array}$	$\begin{array}{r} 56 \\ +\ 28 \\ \hline \end{array}$	$\begin{array}{r} 63 \\ +\ \ 8 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ +\ 11 \\ \hline \end{array}$

Mixed Review

Solve.

5.	$\begin{array}{r} 48 \\ +\ \ 1 \\ \hline \end{array}$	$\begin{array}{r} 24 \\ +\ \ 3 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ +\ \ 7 \\ \hline \end{array}$	$\begin{array}{r} 51 \\ +\ \ 5 \\ \hline \end{array}$

Name _____

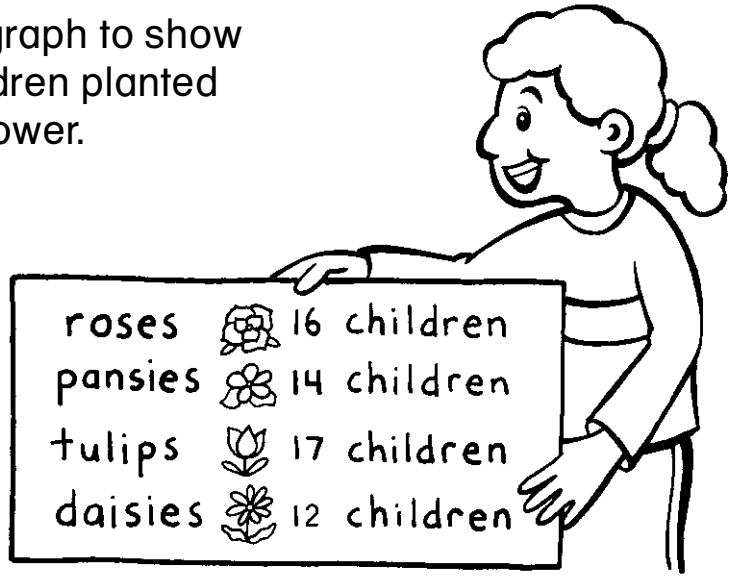
LESSON 13.4

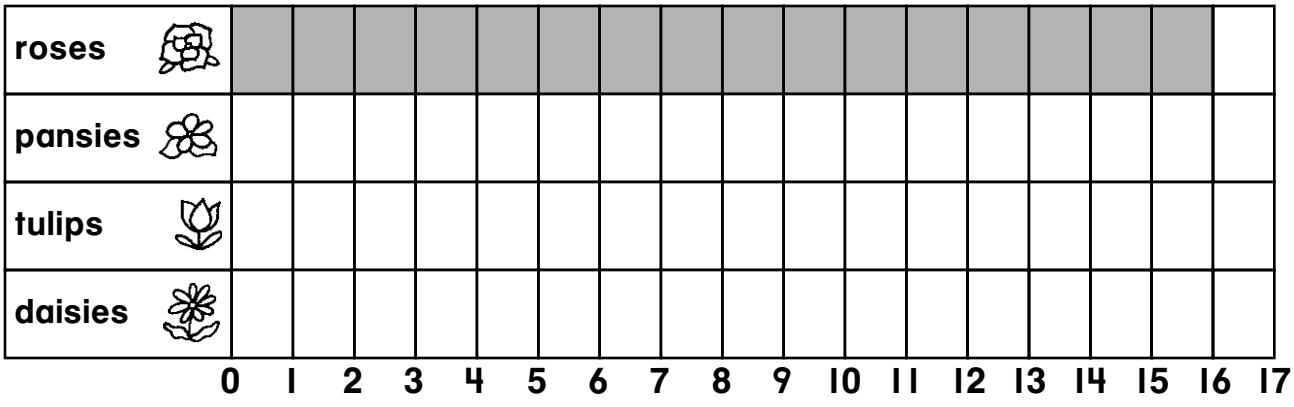
Understand Plan Solve Check

Problem Solving • Make and Use a Graph

The second grade class decided to plant flowers around the school.

1. Complete the graph to show how many children planted each kind of flower.





Use the graph to answer the questions.

2. How many children in all planted pansies and daisies? _____ children

3. How many children in all planted roses and tulips? _____ children

4. How many children in all planted flowers? _____ children

Name _____

Subtract Tens

Subtract.

1.	5 − 4 = 1	5 tens − 4 tens = 1 ten	50 − 40 = 10
2.	7 − 3 =	7 tens − 3 tens = tens	70 − 30 =
3.	6 − 3 =	6 tens − 3 tens = tens	60 − 30 =
4.	8 − 2 =	8 tens − 2 tens = tens	80 − 20 =
5.	9 − 5 =	9 tens − 5 tens = tens	90 − 50 =
6.	4 − 1 =	4 tens − 1 tens = tens	40 − 10 =
7.	3 − 3 =	3 tens − 3 tens = tens	30 − 30 =
8.	2 − 0 =	2 tens − 0 tens = tens	20 − 0 =

Mixed Review

Solve.

9. $7 - 4 =$ _____ $7 - 2 =$ _____ $9 - 5 =$ _____

10. $6 - 3 =$ _____ $12 - 7 =$ _____ $10 - 6 =$ _____

11. $8 + 4 =$ _____ $5 + 2 =$ _____ $4 + 1 =$ _____

Name _____

LESSON 14.2

Mental Math: Count Back Tens and Ones

Circle the problems you would solve by counting back by tens. Then subtract.

1.	66 − 20 = 46	52 − 40 = ____	77 − 5 = ____	22 − 10 = ____
2.	48 − 3 = ____	65 − 30 = ____	89 − 70 = ____	99 − 4 = ____
3.	36 − 6 = ____	44 − 20 = ____	18 − 3 = ____	59 − 10 = ____
4.	35 − 2 = ____	78 − 30 = ____	42 − 10 = ____	87 − 5 = ____

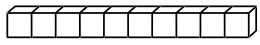
▶ Mixed Review

Solve.

5.	15 − 10 = ____	12 − 8 = ____	16 − 13 = ____
6.	11 − 7 = ____	12 − 6 = ____	15 − 8 = ____
7.	17 − 5 = ____	15 − 13 = ____	14 − 11 = ____
8.	16 − 9 = ____	14 − 7 = ____	13 − 10 = ____

Name _____

Regroup Tens as Ones

Use Workmat 3 and  .

Subtract.	Do you need to regroup?	Subtract. Write how many are left.
1. $24 - 8 =$ 16	**Yes** **No**	1 tens 6 ones
2. $32 - 5 =$ _____	**Yes** **No**	_____ tens _____ ones
3. $23 - 9 =$ _____	**Yes** **No**	_____ ten _____ ones
4. $70 - 8 =$ _____	**Yes** **No**	_____ tens _____ ones
5. $55 - 2 =$ _____	**Yes** **No**	_____ tens _____ ones

Mixed Review

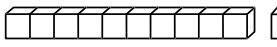
Solve.

6. $7 + 6 =$ _____	$9 + 2 =$ _____	$8 + 6 =$ _____
7. $8 + 8 =$ _____	$4 + 8 =$ _____	$9 + 5 =$ _____
8. $5 + 7 =$ _____	$11 + 5 =$ _____	$3 + 7 =$ _____

Name _____

LESSON 14.4

Model 2-Digit Subtraction

Use Workmat 3 and  .

Subtract.	Do you need to regroup?	Write how many are left.
1. 36 − 8 = 28	**Yes** **No**	28
2. 54 − 26 = _____	**Yes** **No**	_____
3. 75 − 44 = _____	**Yes** **No**	_____
4. 63 − 28 = _____	**Yes** **No**	_____
5. 33 − 15 = _____	**Yes** **No**	_____
6. 47 − 18 = _____	**Yes** **No**	_____

Mixed Review

Solve.

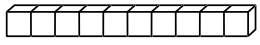
7. 12 − 7 = _____ 16 − 7 = _____ 15 − 7 = _____

8. 13 − 5 = _____ 17 − 9 = _____ 14 − 7 = _____

9. 11 − 9 = _____ 10 − 3 = _____ 13 − 9 = _____

Name _____

Practice Modeling 2-Digit Subtraction

Use Workmat 3 and  .
Find the difference.

1.

Tens	Ones
4	10
~~5~~	~~0~~
− 1	9
3	1

2.

Tens	Ones
4	8
− 2	5

3.

Tens	Ones
2	5
− 1	7

4.

Tens	Ones
3	3
− 1	8

5.

Tens	Ones
3	5
− 2	5

6.

Tens	Ones
4	4
− 2	8

7.

Tens	Ones
1	9
− 1	3

8.

Tens	Ones
5	6
− 2	8

9.

Tens	Ones
4	2
− 3	4

10.

Tens	Ones
3	7
− 2	2

11.

Tens	Ones
5	6
− 3	6

12.

Tens	Ones
2	7
− 1	8

Mixed Review

Solve.

13. $36 + 4 =$ _____ $19 + 2 =$ _____ $6 + 42 =$ _____

14. $5 + 30 =$ _____ $46 + 6 =$ _____ $75 + 6 =$ _____

Name _____

LESSON 15.1

Subtract 2-Digit Numbers

Circle the problems in which you need to regroup.
Subtract. Regroup if you need to.

1.

tens	ones
3	15
4	5
− 2	8
	7

tens	ones
5	9
− 1	9

tens	ones
6	5
− 4	7

tens	ones
9	4
− 2	8

2.

tens	ones
7	7
− 1	9

tens	ones
5	3
− 2	0

tens	ones
4	0
− 1	3

tens	ones
8	3
− 2	8

3.

tens	ones
5	1
− 3	2

tens	ones
9	5
− 3	7

tens	ones
8	7
− 1	8

tens	ones
5	0
− 2	5

Mixed Review

About how much time will it take? Circle your answer.

4. to snap your fingers	second	minute	hour
5. to take a deep breath	second	minute	hour
6. to watch a movie	second	minute	hour
7. to wash your hands	second	minute	hour

Name _____

LESSON 15.2

Rewrite 2-Digit Subtraction

Rewrite the numbers in each problem. Then subtract.

1. 61 − 37 tens | ones 5 | 11 ~~6~~ | ~~1~~ − 3 | 7 2 | 4	77 − 71 tens | ones ☐ | ☐	95 − 48 tens | ones ☐ | ☐	40 − 29 tens | ones ☐ | ☐
2. 64 − 27 tens | ones ☐ | ☐	62 − 22 tens | ones ☐ | ☐	33 − 15 tens | ones ☐ | ☐	62 − 33 tens | ones ☐ | ☐
3. 63 − 37 tens | ones ☐ | ☐	86 − 8 tens | ones ☐ | ☐	71 − 69 tens | ones ☐ | ☐	82 − 34 tens | ones ☐ | ☐

Mixed Review

Complete the pattern.

4. 30, 40, 50, 60, _____

8, 10, 12, 14, _____

5. 12, 15, 18, 21, _____

60, 70, 80, 90, _____

Name _____

LESSON 15.3

More 2-Digit Subtractions

Circle the problems in which you need to regroup.
Then subtract.

1. 2 13 3 3 − 1 8 1 5	2. 5 6 − 2 8	3. 4 8 − 2 5	4. 5 0 − 1 9	Regroup if you need to.
5. 6 7 − 2 9	6. 4 5 − 2 8	7. 5 1 − 3 2	8. 8 2 − 5 4	9. 7 8 − 5 9
10. 9 7 − 2 9	11. 4 5 − 2 7	12. 5 4 − 4 3	13. 8 2 − 6 5	14. 6 6 − 4 9
15. 9 4 − 4 5	16. 6 1 − 3 7	17. 4 3 − 1 6	18. 7 4 − 5 6	19. 8 0 − 7 5

Mixed Review

Write the amount.

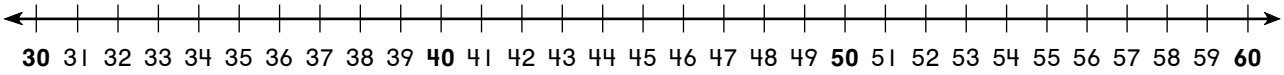
20.

= _____

Name _____

Problem Solving • Estimate Differences

Estimate by rounding. Then solve.



	estimate	solve
1. Kim is reading a magazine. The magazine has 57 pages. She has read 38 pages. How many pages does Kim have left? 19 pages	60 − 40 = 20	4 17 57 − 38 = 19
2. Jim is reading a book. The book has 52 pages. Jim has read 37 pages. How many pages does Jim have left? _____ pages		
3. Kiki is reading a newspaper. The newspaper has 59 pages. Kiki has read 37 pages. How many pages does Kiki have left? _____ pages		
4. There are 42 pages in a book. 29 pages do not have pictures. How many pages have pictures? _____ pages		

Mixed Review

Subtract.

5. 50 − 15 = ____ 35 − 10 = ____ 55 − 25 = ____

6. 40 − 20 = ____ 30 − 5 = ____ 60 − 30= ____

Name _____

LESSON 15.5

Use Addition to Check Subtraction

Subtract.
Add to check.

1. $\begin{array}{r} 56 \\ -\ 11 \\ \hline 45 \end{array}$ $\begin{array}{r} 45 \\ +\ 11 \\ \hline 56 \end{array}$	2. $\begin{array}{r} 34 \\ -\ 16 \\ \hline \end{array}$	3. $\begin{array}{r} 19 \\ -\ 11 \\ \hline \end{array}$
4. $\begin{array}{r} 78 \\ -\ 29 \\ \hline \end{array}$	5. $\begin{array}{r} 94 \\ -\ 57 \\ \hline \end{array}$	6. $\begin{array}{r} 47 \\ -\ 16 \\ \hline \end{array}$
7. $\begin{array}{r} 41 \\ -\ 17 \\ \hline \end{array}$	8. $\begin{array}{r} 37 \\ -\ 15 \\ \hline \end{array}$	9. $\begin{array}{r} 85 \\ -\ 48 \\ \hline \end{array}$
10. $\begin{array}{r} 99 \\ -\ 27 \\ \hline \end{array}$	11. $\begin{array}{r} 85 \\ -\ 76 \\ \hline \end{array}$	12. $\begin{array}{r} 51 \\ -\ 24 \\ \hline \end{array}$

Mixed Review

Solve.

13.	46 ◯ 62	94 ◯ 87	21 ◯ 12
14.	43 ◯ 52	73 ◯ 75	89 ◯ 99
15.	35 ◯ 25	76 ◯ 69	50 ◯ 49

Name _____

Use Mental Math to Find Differences

Use what you learned to find the differences.

	Add the same number to both numbers	Subtract	
1. $46 - 18 = ?$ Add more to make 18 a ten	$46 + \boxed{2} = \boxed{48}$ $18 + \boxed{2} = \boxed{20}$	$\boxed{48} - \boxed{20} = \boxed{28}$	So, $46 - 18 = 28$
2. $74 - 39 = ?$	$74 + \square = \square$ $39 + \square = \square$	$\square - \square = \square$	So, $74 - 39 =$

Try subtracting these numbers in your head.

3. $38 - 19$	4. $54 - 29$	5. $24 - 17$	6. $47 - 29$
7. $64 - 17$	8. $42 - 7$	9. $93 - 78$	10. $75 - 29$

Mixed Review

11. How many tens are in 98? _____

12. How many ones are in 83? _____

13. How many tens are in 13? _____

14. How many ones are in 30? _____

Name _____

LESSON 16.2

Practice Subtracting 2-Digit Numbers

Subtract. Then use the code to read the message.

1 = a	**6** = f	**11** = k	**16** = p	**21** = u
2 = b	**7** = g	**12** = l	**17** = q	**22** = v
3 = c	**8** = h	**13** = m	**18** = r	**23** = w
4 = d	**9** = i	**14** = n	**19** = s	**24** = x
5 = e	**10** = j	**15** = o	**20** = t	**25** = y
				26 = z

12 − 3 = 9	10 − 9 =	63 − 50 =	43 − 21 =	25 − 20 =	36 − 18 =	45 − 20 =
I						

18 − 11 =	20 − 5 =	30 − 15 =	36 − 32 =	20 − 19 =	40 − 20 =

43 − 30 =	10 − 9 =	55 − 35 =	42 − 34 =

Mixed Review

Make these amounts, using the fewest coins. Draw the coins.

1. 34¢ 2. 68¢ 3. 81¢

Name _____

Add and Subtract Money

Circle the + or −. Then solve.

Remember: Use a cent sign to add and subtract money.

1.	95¢ − 32¢ = 63¢	52¢ + 27¢	67¢ − 8¢	78¢ − 59¢
2.	86¢ − 18¢	75¢ + 24¢	25¢ + 36¢	94¢ − 48¢
3.	46¢ + 24¢	50¢ + 38¢	74¢ − 12¢	52¢ − 49¢
4.	89¢ − 15¢	44¢ + 37¢	62¢ − 59¢	22¢ + 77¢

Mixed Review

Solve.

5.	8 + 7 = ____	7 + 8 = ____	15 − 8 = ____
6.	15 − 7 = ____	7 + 6 = ____	6 + 7 = ____
7.	13 − 6 = ____	13 − 7 = ____	9 + 7 = ____
8.	7 + 9 = ____	16 − 7 = ____	16 − 9 = ____

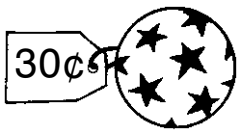
Name _____

LESSON 16.4

Problem Solving • Choose the Operation

Add or subtract. Write the sum or difference.

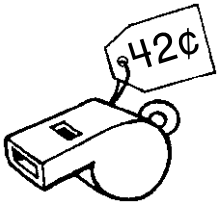
1. How much money would you need to buy a ball and a whistle?



30 ¢

+ 42 ¢

72 ¢

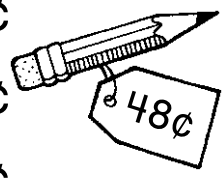


2. You have 75¢. You buy a pencil. How much money do you have left?

You have _____ ¢

◯ _____ ¢

_____ ¢

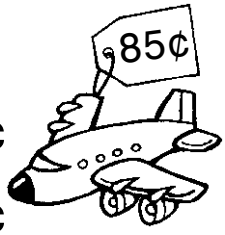


3. You have 94¢. You buy a jet. How much money do you have left?

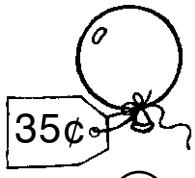
You have _____ ¢

◯ _____ ¢

_____ ¢



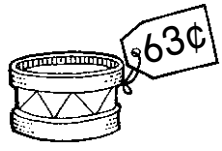
4. How much money would you need to buy a balloon and a drum?



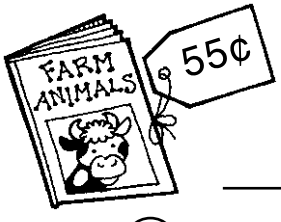
_____ ¢

◯ _____ ¢

_____ ¢



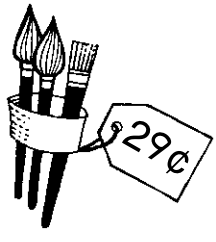
5. How much money would you need to buy a book and brushes?



_____ ¢

◯ _____ ¢

_____ ¢

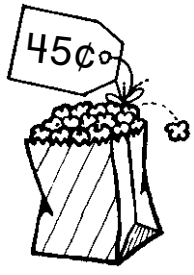


6. You have 64¢. You buy a bag of popcorn. How much popcorn money do you have left?

You have _____ ¢

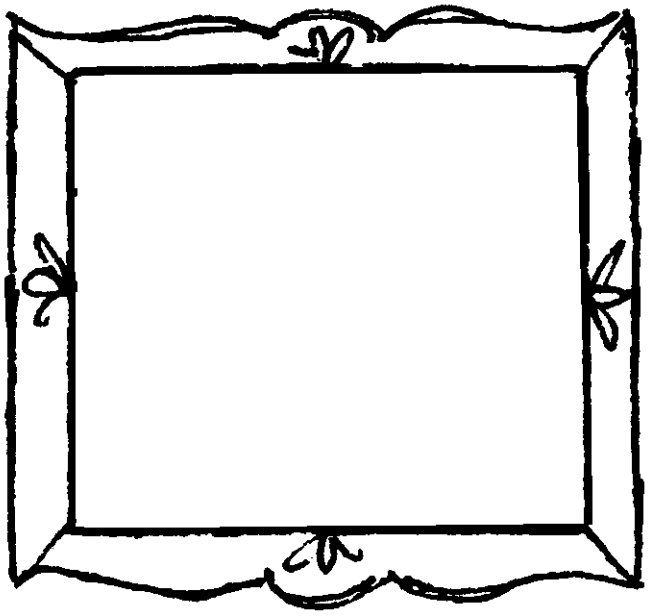
◯ _____ ¢

_____ ¢



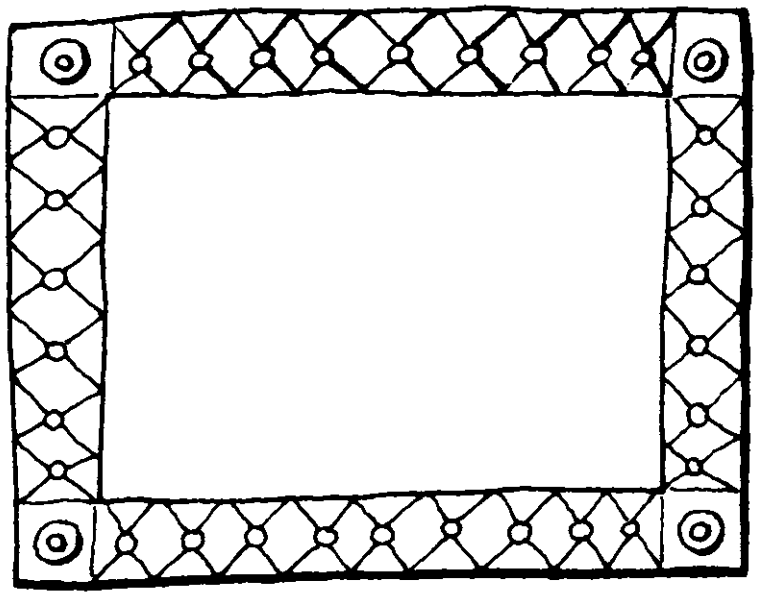
Name _____

Identify Plane Shapes



1. Draw 5 rectangles. Color them orange
2. Draw 3 circles. Color them blue.
3. Draw 4 ovals. Color them yellow.
4. Draw 1 triangle. Color it red.
5. Draw 2 squares. Color them green.

6. Draw 3 circles. Color them yellow.
7. Draw 5 squares. Color them red.
8. Draw 4 rectangles. Color them green.
9. Draw 1 oval. Color it blue.
10. Draw 2 triangles. Color them orange.



Mixed Review

Solve.

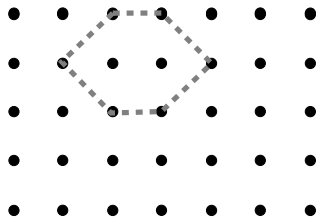
11. 43 − 5 = _____ 33 − 5 = _____ 18 − 5 = _____
12. 27 − 5 = _____ 41 − 5 = _____ 94 − 5 = _____
13. 45 − 5 = _____ 64 − 5 = _____ 70 − 5 = _____

Name _____

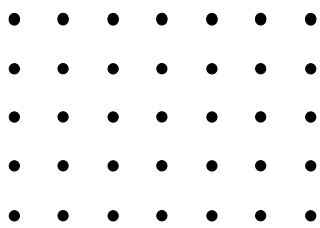
LESSON 17.2

Sides and Corners

Draw the Shape.

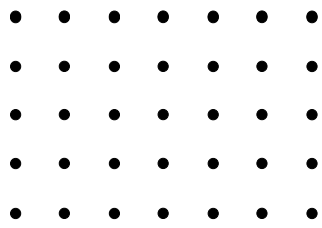
1. 

6 sides 6 corners

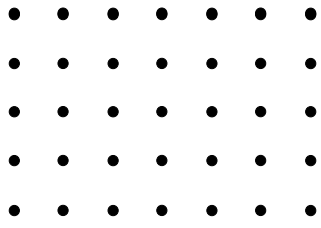
2. 

4 sides 4 corners

All 4 sides are the same length.

3. 

3 sides 3 corners

4. 

4 sides 4 corners

2 sides are long.

2 sides are short.

Mixed Review

Solve.

5.

37 + 10	46 + 9	26 + 20	38 + 16

6.

45 − 5	32 − 12	20 − 9	43 − 14

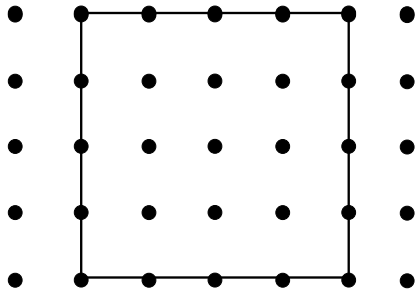
7.

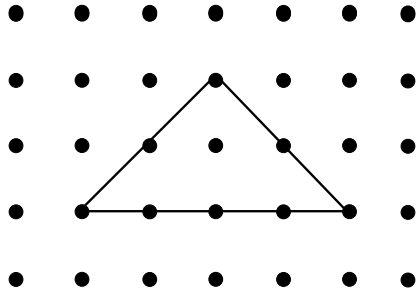
25 + 50	50 + 17	38 + 14	36 + 18

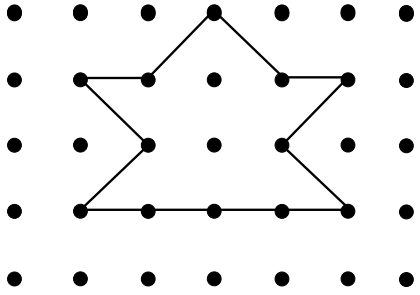
Name _____

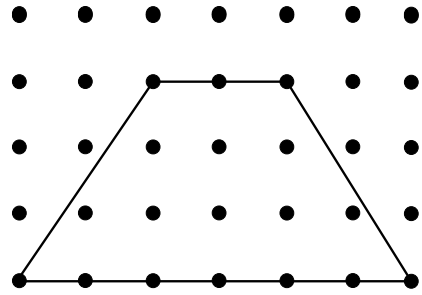
Congruence and Symmetry

Draw a line of symmetry.
The two parts will be congruent.

1. 

2. 

3. 

4. 

Mixed Review

5. 22 + 13 = _____ 14 + 14 = _____ 10 + 12 = _____

6. 30 − 15 = _____ 26 − 10 = _____ 20 − 12 = _____

7. 13 + 20 = _____ 16 + 4 = _____ 33 + 6 = _____

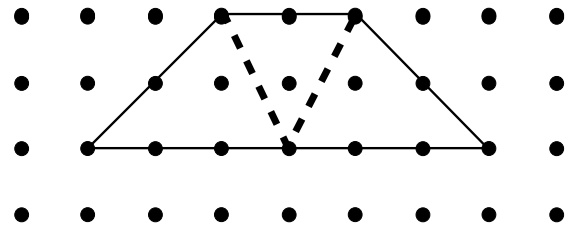
8. 24 − 12 = _____ 35 − 15 = _____ 40 − 25 = _____

Name _____

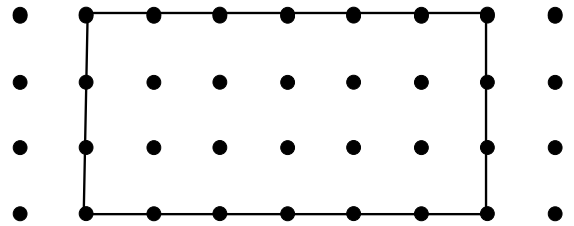
LESSON 17.4

Combine and Separate Shapes

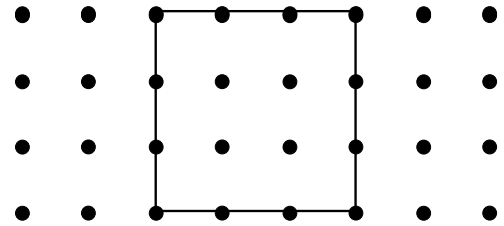
Draw a line or lines to separate the shape.

1. 

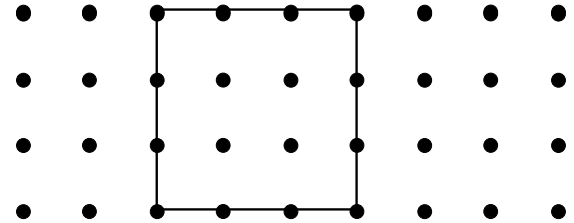
3 triangles

2. 

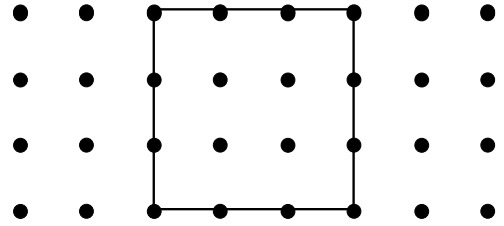
4 triangles

3. 

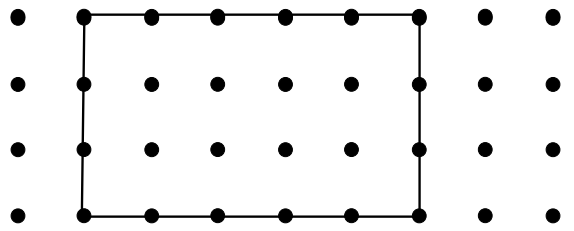
2 triangles

4. 

4 squares

5. 

4 triangles

6. 

2 triangles

Mixed Review

Solve.

7. 16 + 5 = _____ 37 + 3 = _____ 18 + 7 = _____

8. 14 + 6 = _____ 49 + 6 = _____ 36 + 6 = _____

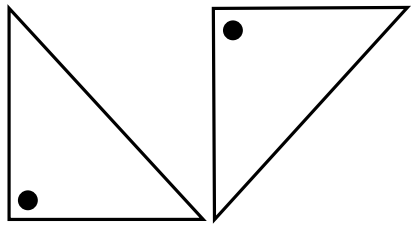
Name _____

Moving Shapes

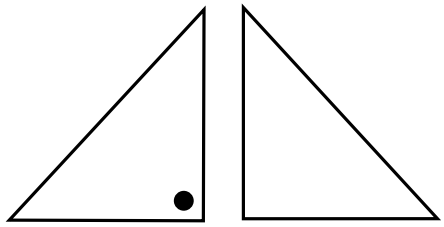
Use ◺.

Move the ◺ the same way as shown in the picture.

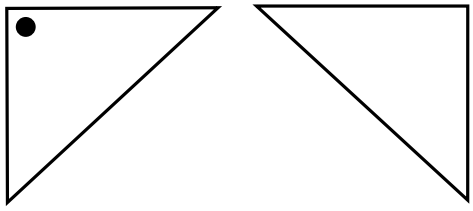
Circle *flip* or *turn* to tell how you moved it.

1. 

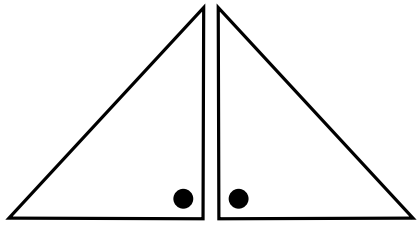
flip (turn)

2. 

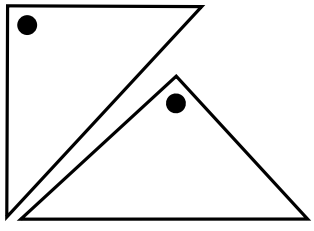
flip turn

3. 

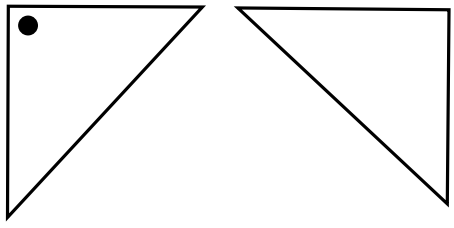
flip turn

4. 

flip turn

5. 

flip turn

6. 

flip turn

Mixed Review

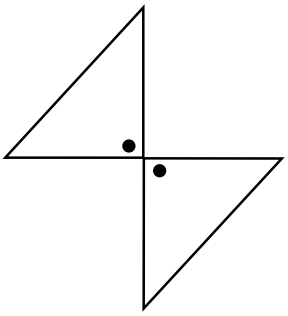
7. 29 + 11 = ____ 36 + 22 = ____ 73 + 23 = ____

8. 43 + 37 = ____ 18 + 12 = ____ 65 + 24 = ____

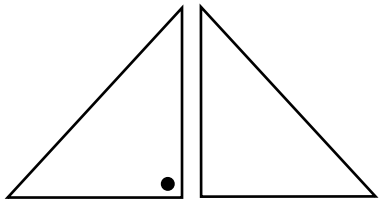
Name _____

LESSON 17.6

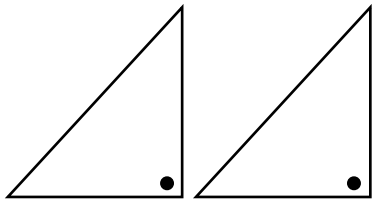
More About Moving Shapes



turn



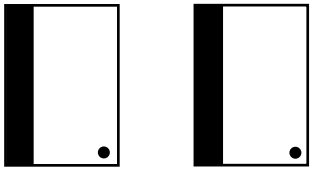
flip



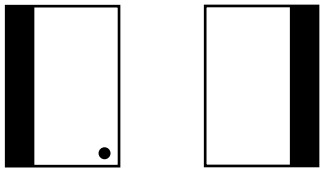
slide

Write the word that names the move.

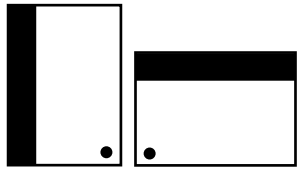
1.



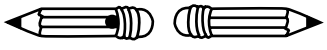
2.



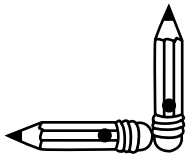
3.



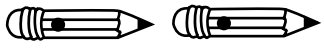
4.



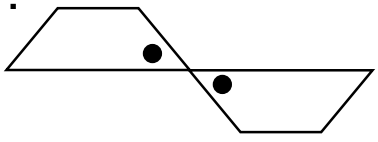
5.



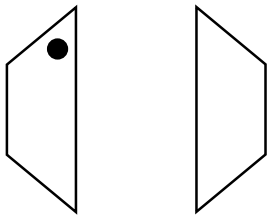
6.



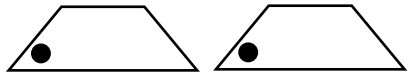
7.



8.



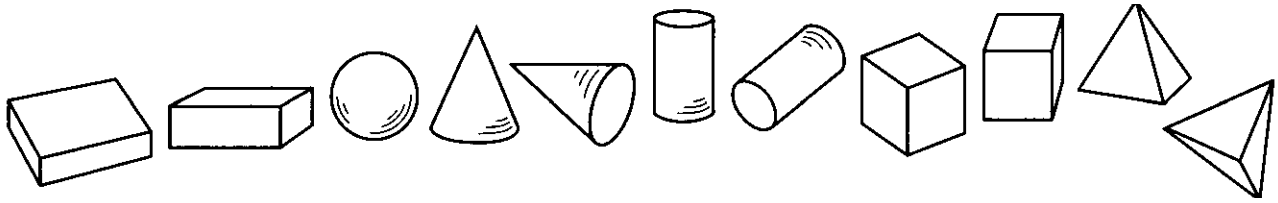
9.



Name _____

LESSON 18.1

Identify Solid Figures

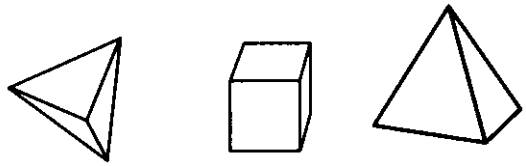


rectangular prisms | sphere | cones | cylinders | cubes | pyramids

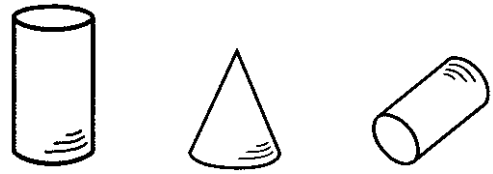
Color the figures that are the same shape.

1.

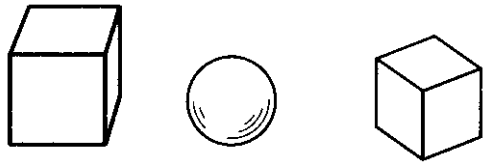
2.



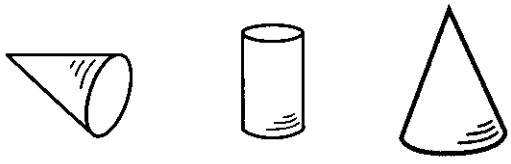
3.



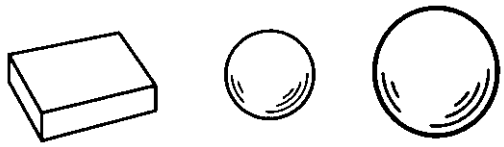
4.



5.



6.



Mixed Review

Write >, <, or = in the circle.

7.	44 ◯ 54	82 ◯ 28	21 ◯ 21
8.	77 ◯ 77	29 ◯ 92	41 ◯ 14
9.	10 ◯ 7	33 ◯ 31	19 ◯ 19

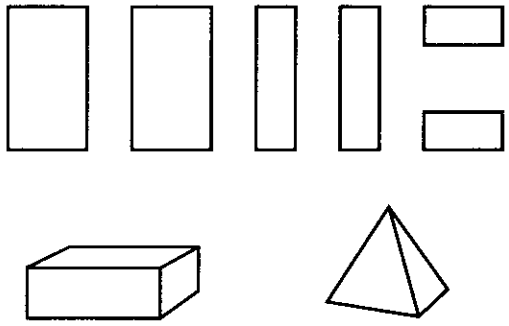
Name _____

LESSON 18.2

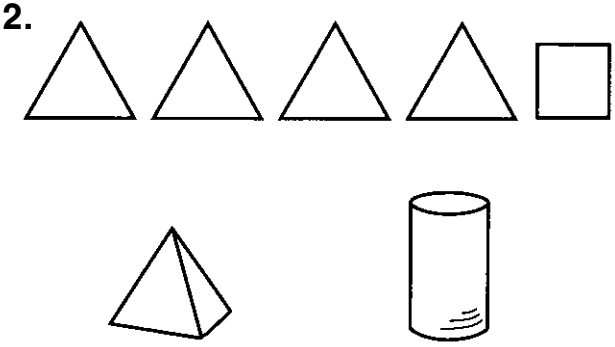
Make Plane Shapes

Look a the plane shapes on the solid figure.
Circle the solid figure you can use to trace the plane shapes.

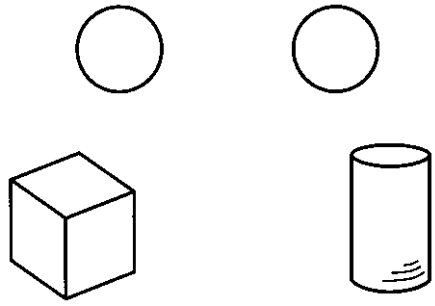
1.



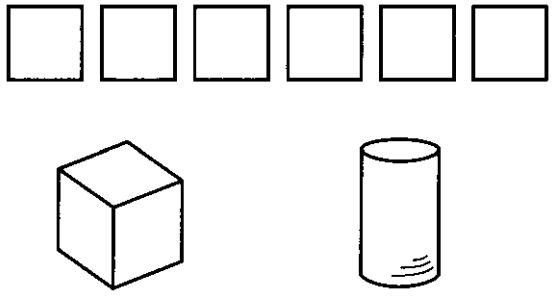
2.



3.



4.



Mixed Review

5.

27	54	37	32	51
− 8	− 9	− 8	− 6	− 7
____	____	____	____	____

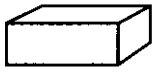
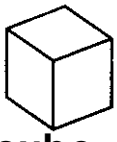
6.

63	44	86	95	24
− 8	− 5	− 8	− 7	− 4
____	____	____	____	____

Name _____

Sort Solid Figures

Complete the chart. Write how many.

Solid figure	Number of faces	Number of edges	Number of corners
1.  **rectangular prism**	_____ faces	_____ edges	_____ corners
2.  **pyramid**	_____ faces	_____ edges	_____ corners
3.  **cube**	_____ faces	_____ edges	_____ corners
4.  **sphere**	_____ faces	_____ edges	_____ corners

Mixed Review

How much money is:

5. 4  5  = _____

6. 3  3  = _____

7. 3  3  = _____

8. 1  6  = _____

Name _____

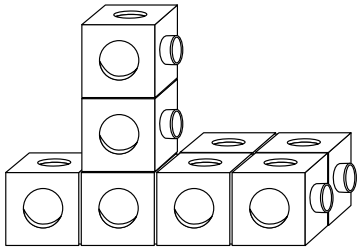
LESSON 18.4

Problem Solving • Make a Model

Estimate the number of  . Then build the model.

Write how many  you used.

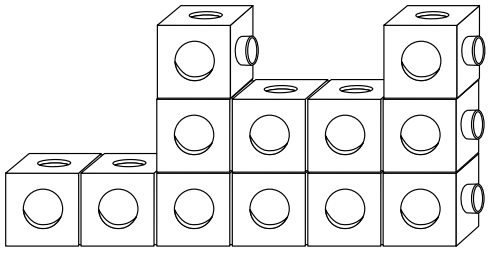
1.



Estimate: _____ cubes

Count: 8 cubes

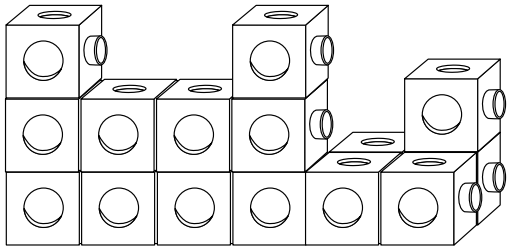
2.



Estimate: _____ cubes

Count: _____ cubes

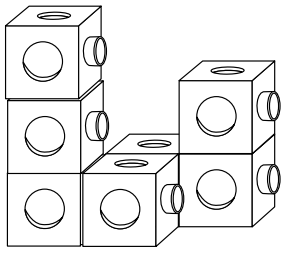
3.



Estimate: _____ cubes

Count: _____ cubes

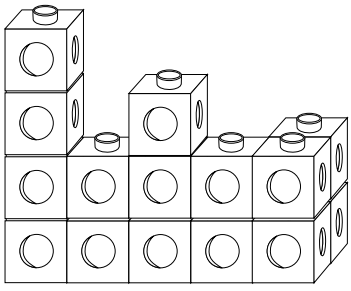
4.



Estimate: _____ cubes

Count: _____ cubes

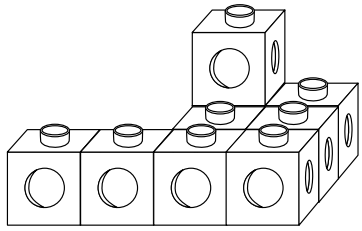
5.



Estimate: _____ cubes

Count: _____ cubes

6.



Estimate: _____ cubes

Count: _____ cubes

Name _____

LESSON 19.1

Nonstandard Units

About how many small clips long is the feather? Predict. Then measure with a small clip to check.

1.

Predict: about _____ small clips

Check: about 4 small clips

2.

Predict: about _____ small clips

Check: about _____ small clips

3.

Predict: about _____ small clips

Check: about _____ small clips

4.

Predict: about _____ small clips

Check: about _____ small clips

Mixed Review

Solve.

5. $7 + 2 =$ ____ $8 + 3 =$ ____ $8 - 4 =$ ____

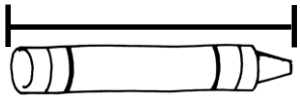
6. $12 - 5 =$ ____ $13 - 6 =$ ____ $15 - 6 =$ ____

Name _____

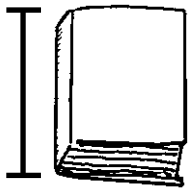
LESSON 19.2

Measure to the Nearest Inch.

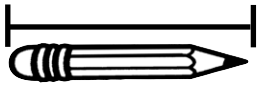
Work with a partner.
Use an inch ruler to measure.

1. crayon 

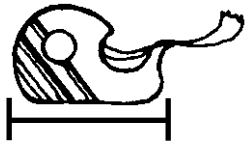
about_____ inches

2. book 

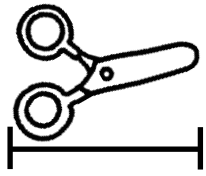
about_____ inches

3. pencil 

about_____ inches

4. tape 

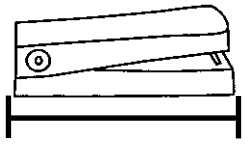
about_____ inches

5. scissors 

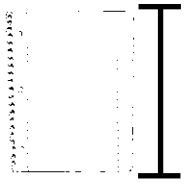
about_____ inches

6. marker 

about_____ inches

7. stapler 

about_____ inches

8. sheet of paper 

about_____ inches

Mixed Review

Solve.

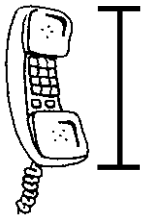
9. 65¢ − 23¢ = _____ 64¢ − 25¢ = _____ 71¢ − 12¢ = _____

10. 55¢ − 31¢ = _____ 43¢ − 27¢ = _____ 84¢ − 17¢ = _____

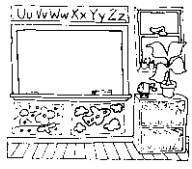
Name _____

Inches and Feet

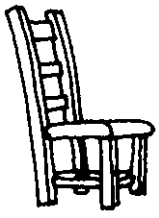
About how long or high is the real object?
Circle the closer estimate.

1. 

(about 8 inches) about 8 feet

2. 

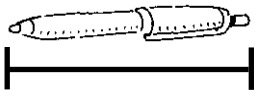
about 9 inches about 9 feet

3. 

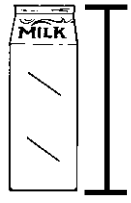
about 3 inches about 3 feet

4. 

about 4 inches about 4 feet

5. 

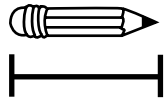
about 5 inches about 5 feet

6. 

about 10 inches about 10 feet

7. 

about 1 inch about 1 foot

8. 

about 4 inches about 4 feet

Mixed Review

Solve.

9. $25 + 7 =$ _____ $35 - 8 =$ _____ $47 - 6 =$ _____

10. $85 - 6 =$ _____ $9 + 16 =$ _____ $72 - 9 =$ _____

11. $44 + 8 =$ _____ $56 + 9 =$ _____ $61 + 7 =$ _____

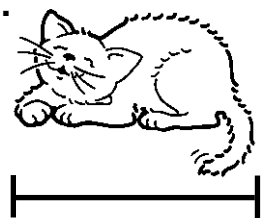
12. $57 - 9 =$ _____ $31 - 4 =$ _____ $26 + 5 =$ _____

Name _____

LESSON 19.4

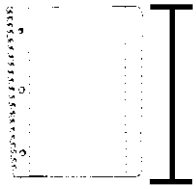
Centimeters and Meters

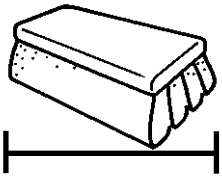
Which unit would you use to measure the real object?
Circle the better unit of measure.

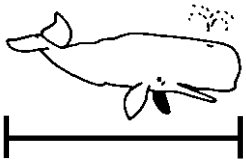
1. 
(centimeters) meters

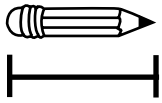
2. 

centimeters meters

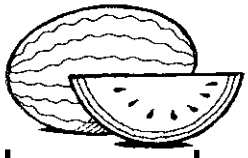
3. 
centimeters meters

4. 
centimeters meters

5. 
centimeters meters

6. 
centimeters meters

7. 
centimeters meters

8. 
centimeters meters

Mixed Review

Solve.

9. 14¢ − 5¢ = _____ 12¢ − 5¢ = _____ 4¢ + 9¢ = _____

10. 8¢ + 7¢ = _____ 9¢ − 6¢ = _____ 8¢ + 8¢ = _____

11. 13¢ − 6¢ = _____ 6¢ + 5¢ = _____ 17¢ − 5¢ = _____

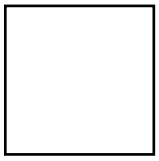
Name _____

LESSON 19.5

Perimeter

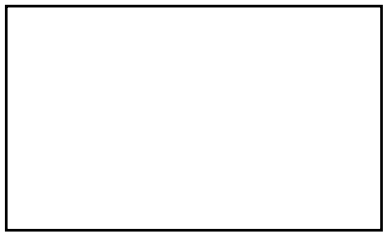
Measure each side. Write how many centimeters.
Add to find the perimeter.

1.



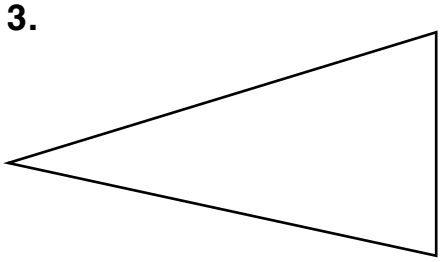
2 + 2 + 2 + 2 = 8 centimeters

2.



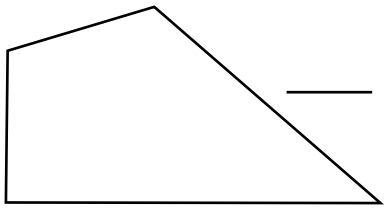
___ + ___ + ___ + ___ = ___ centimeters

3.



___ + ___ + ___ = ___ centimeters

4.



___ + ___ + ___ + ___ = ___ centimeters

Mixed Review

Solve.

5. 43 − 9 = _____ 37 − 28 = _____ 62 − 49 = _____

6. 72 − 15 = _____ 42 − 8 = _____ 53 − 7 = _____

7. 64 − 37 = _____ 51 − 14 = _____ 85 − 17 = _____

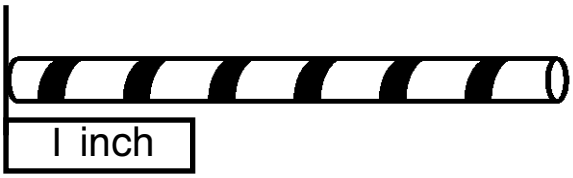
Name _____

LESSON 19.6

Problem Solving • Make Reasonable Estimates

About how long is the straw?
Circle the most reasonable estimate.

1.

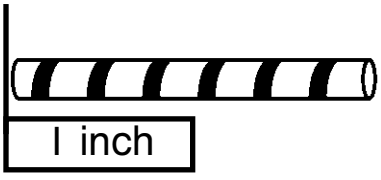


about 3 inches about 6 inches about 12 inches

2.

about 2 inches about 6 inches about 9 inches

3.



about 1 inch about 2 inches about 6 inches

4.

about 5 inches about 9 inches about 8 inches

5.

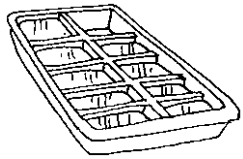
about 2 inches about 4 inches about 7 inches

Name _____

Cups, Pints, and Quarts

About how much does the container hold?
Circle the reasonable estimate.

1.



(about 2 cups)

about 16 cups

2.

about 30 pints

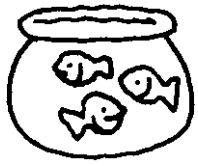
about 6 pints

3.

about 60 cups

about 8 cups

4.



about 12 cups

about 50 cups

5.

about 40 quarts

about 4 quarts

6.

about 4 pints

about 10 pints

7.

about 4 cups

about 40 cups

8.

about 50 quarts

about 6 quarts

Mixed Review

Solve.

9. $4 + 9 =$ _____ $8 - 4 =$ _____ $7 + 6 =$ _____

10. $14 - 8 =$ _____ $5 + 9 =$ _____ $11 - 7 =$ _____

Name _____

LESSON 20.2

Liters

About how much does the container hold?
Circle the more reasonable estimate.

1. 

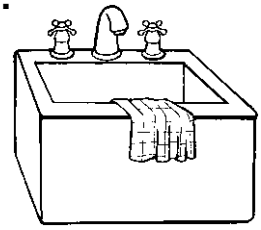
about 35 liters

about 1 liter

2. 

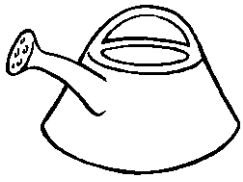
about 40 liters

about 2 liters

3. 

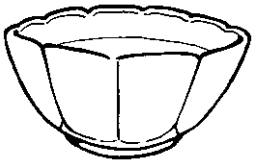
about 25 liters

about 3 liters

4. 

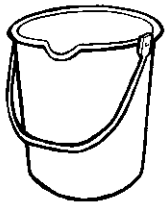
about 3 liters

about 30 liters

5. 

about 4 liters

about 40 liters

6. 

about 2 liters

about 12 liters

7. 

about 20 liters

about 2 liters

8. 

about 30 liters

about 3 liters

Mixed Review

Solve.

9. $76¢ - 27¢ =$ _____ $53¢ + 39¢ =$ _____

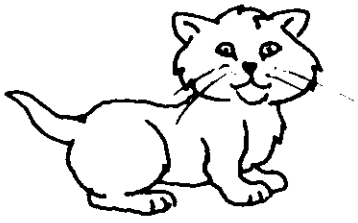
10. $84¢ + 11¢ =$ _____ $62¢ - 45¢ =$ _____

Name _____

Ounces and Pounds

Estimate how much the real object weighs.

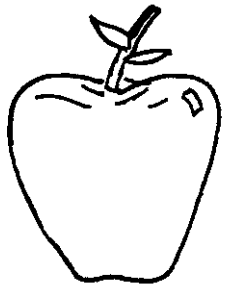
1.



about 12 pounds

about 12 ounces

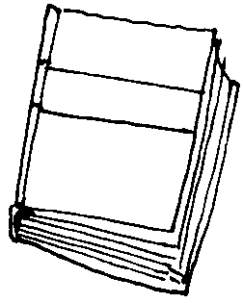
2.



about 6 pounds

about 6 ounces

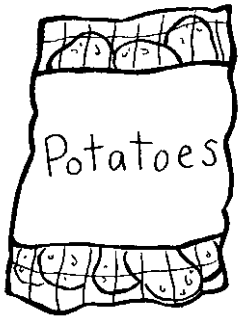
3.



about 1 pound

about 1 ounce

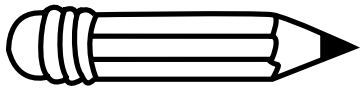
4.



about 10 pounds

about 10 ounces

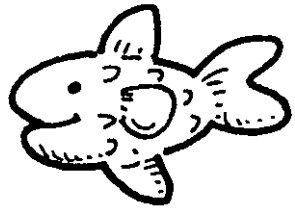
5.



about 2 pounds

about 2 ounces

6.



about 20 pounds

about 2 ounces

Mixed Review

Write *true* or *false*.

7. 61¢ > 83¢ = _____ 7¢ > 70¢ = _____

8. 94¢ < 37¢ = _____ 79¢ < 96¢ = _____

9. 81¢ > 80¢ = _____ 58¢ > 63¢ = _____

Name _____

Grams and Kilograms

Which unit would you use to measure the mass? Circle that unit of measure.

1.

kilograms

centimeters

grams

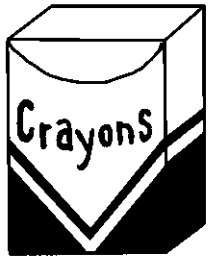
2.

kilograms

centimeters

grams

3.

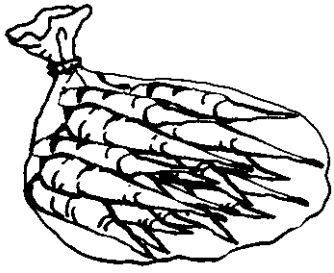


grams

kilograms

liters

4.

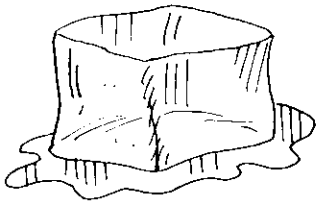


meters

centimeters

kilograms

5.



grams

centimeters

liters

6.

grams

liters

kilograms

Mixed Review

Solve.

7. 61 − 52 = _____ 73 − 36 = _____ 85 − 38 = _____

8. 54 − 18 = _____ 64 − 25 = _____ 90 − 69 = _____

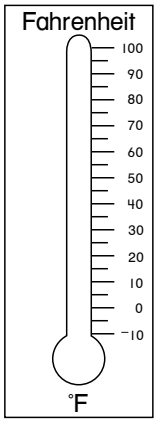
9. 92 − 81 = _____ 47 − 19 = _____ 32 − 27 = _____

Name _____

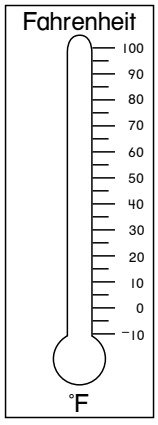
Temperature

Read the temperature. Use a red crayon to color the thermometer to show the temperature.

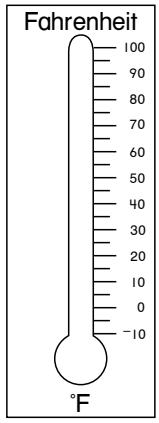
1. 75° F



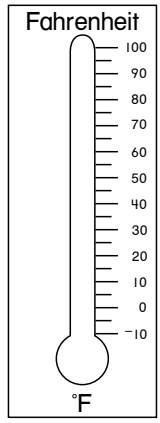
2. 50° F



3. 85° F

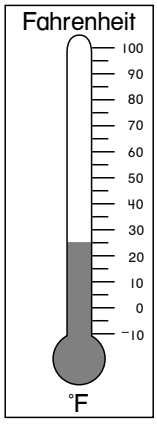


4. 35° F



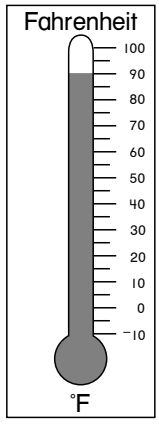
Read the thermometer. Write the temperature.

5.



_____ ° F

6.



_____ ° F

Mixed Review

Solve.

7. 83 − 64 = _____ 91 − 43 = _____ 80 − 58 = _____

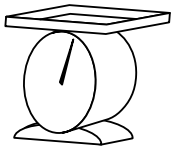
8. 18 + 15 = _____ 54 + 38 = _____ 27 + 46 = _____

9. 75 − 37 = _____ 61 − 16 = _____ 52 − 38 = _____

Name _____

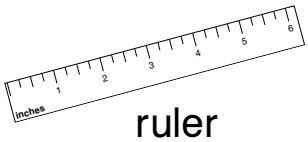
LESSON 20.6

Problem Solving • Choose a Measuring Tool

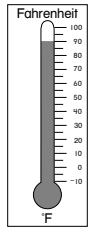


scale

cup



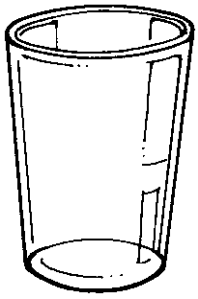
ruler



thermometer

Write the name of the tool you would use.

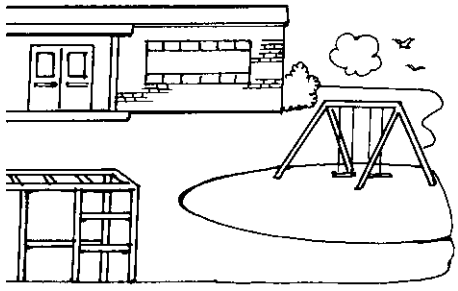
1. to find out how much milk is in a glass.



_____

_____

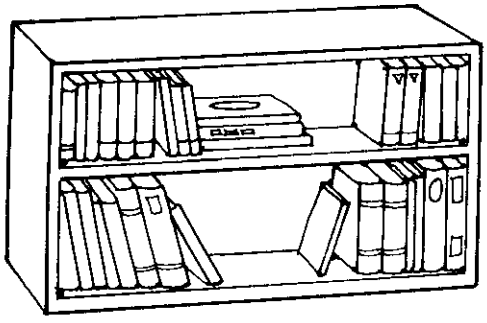
2. to find out the temperature outside the classroom.



_____

_____

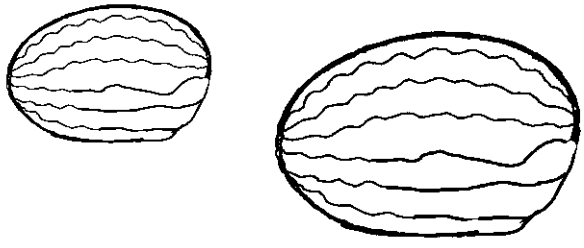
3. to find out how long the bookshelf is.



_____

_____

4. to find out which watermelon is heavier.



_____

_____

Name _____

LESSON 21.1

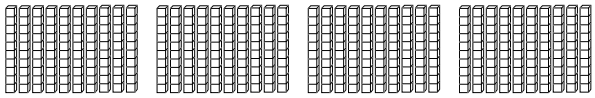
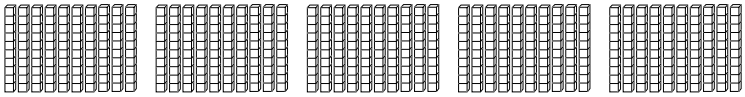
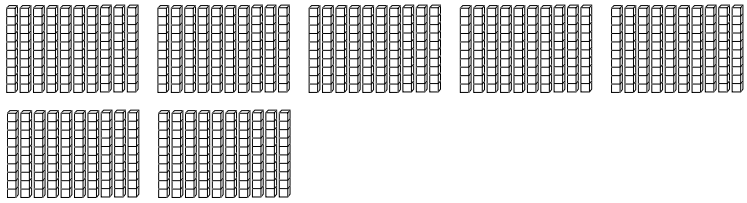
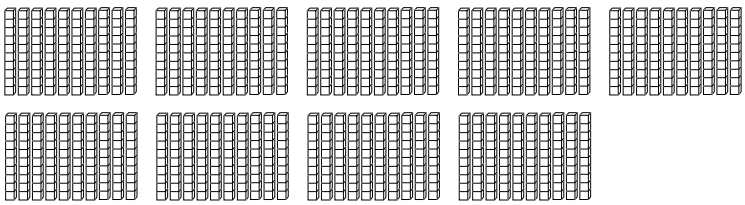
Hundreds

Vocabulary

Write the number.

1. One **hundred** = _____ tens _____ ones

Write how many hundreds, tens, and ones.

2.		4 hundreds 40 tens 400 ones
3.		_____ hundreds _____ tens _____ ones
4.		_____ hundreds _____ tens _____ ones
5.		_____ hundreds _____ tens _____ ones

Mixed Review

Solve.

6. $60 + 34 =$ ____ $44 + 52 =$ ____ $61 + 23 =$ ____

7. $13 + 73 =$ ____ $40 + 18 =$ ____ $25 + 31 =$ ____

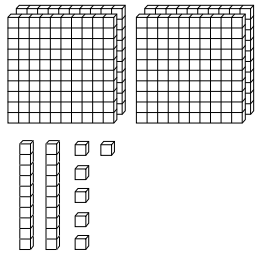
Name _____

LESSON 21.2

Hundreds, Tens, and Ones

Write how many hundreds, tens, and ones. Then write the number.

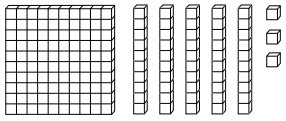
1.



hundreds	tens	ones
4	2	6

426

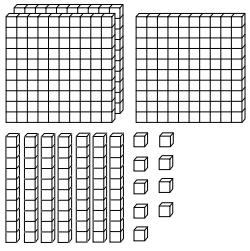
2.



hundreds	tens	ones

_____

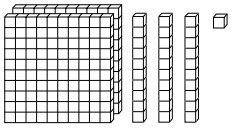
3.



hundreds	tens	ones

_____

4.



hundreds	tens	ones

_____

Mixed Review

Solve.

5. $72 - 51 =$ ____ $53 - 42 =$ ____ $66 - 50 =$ ____

6. $12 + 9 =$ ____ $15 + 7 =$ ____ $18 + 6 =$ ____

7. $57 - 24 =$ ____ $89 - 15 =$ ____ $64 - 33 =$ ____

Name _____

Place Value

Circle the value of the underlined digit.

1. 36̲4	2. 7̲01	3. 25̲9
600 (60) 6	700 70 7	900 90 9
4. 54̲8	5. 4̲63	6. 1̲72
800 80 8	600 60 6	700 70 7
7. 6̲07	8. 91̲4	9. 8̲30
600 60 6	400 40 4	800 80 8

Circle the reasonable estimate.

10. Lee has ____ teddy bears.	11. Paul and his mother checked ____ books out of the library.
900 90 (9)	1,000 10 1
12. The farmer harvested ____ ears of corn from the field.	13. There are ____ desks in the classroom.
200 20 2	300 30 3,000

Mixed Review

Write the missing number.

14. _____, 52, 53 17, _____, 19 63, _____, 65

15. 34, 35, _____ 97, _____, 99 _____, 84, 85

Name _____

LESSON 21.4

Read and Write Numbers

Read the number.
Write it in different ways.

1. one hundred seventy-four

Hundreds	Tens	Ones
1	7	4

100 + 70 + 4

174

2. eight hundred five

Hundreds	Tens	Ones

____ + ____ + ____

_____

3. five hundred twenty-eight

Hundreds	Tens	Ones

____ + ____ + ____

_____

4. two hundred sixty-seven

Hundreds	Tens	Ones

____ + ____ + ____

_____

5. five hundred thirty-six

Hundreds	Tens	Ones

____ + ____ + ____

_____

6. nine hundred two

Hundreds	Tens	Ones

____ + ____ + ____

_____

Mixed Review

Write > or <.

7. 46 ◯ 21 136 ◯ 145 83 ◯ 96

8. 36 ◯ 45 71 ◯ 52 19 ◯ 14

Name _____

Problem Solving • Use a Table

This table tells the number of pairs of bald eagles in some states.

Use the table to answer the questions.

State	Number of Pairs
California	143
Florida	980
Michigan	291
Ohio	47
Washington	630

1. Which state has a number of pairs of bald eagles made up of 2 hundreds, 9 tens, and 1 one?

2. How many pairs of bald eagles are in Washington?

3. Which state has 143 pairs of bald eagles?

4. How many pairs of bald eagles are in Ohio?

5. Which state has 900 + 80 + 0 pairs of bald eagles?

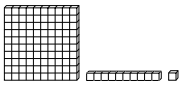
6. Which state has 630 pairs of bald eagles?

7. How many pairs of eagles are in Michigan?

Name _____

LESSON 22.1

100 Less, 100 More

Use  to compare.
Write the numbers that are 100 less and 100 more.

100 Less	Number	100 More
1. 529	629	729
2.	468	
3.	231	
4.	518	
5.	891	
6.	744	
7.	304	

Mixed Review

Solve.

8. $23 + 62 =$ ____ $35 + 55 =$ ____ $14 + 71 =$ ____

9. $19 + 47 =$ ____ $77 + 17 =$ ____ $82 + 11 =$ ____

10. $69 + 30 =$ ____ $77 - 41 =$ ____ $61 - 18 =$ ____

Compare Numbers: >, <, and =

Write greater than, less than, or equal to.
Then write >, <, or =.

1. 205 is less than 275. 205 < 275	2. 922 is _____ 923. 922 ◯ 923
3. 379 is _____ 319. 379 ◯ 319	4. 642 is _____ 624. 642 ◯ 624
5. 411 is _____ 411. 411 ◯ 411	6. 737 is _____ 737. 737 ◯ 737
7. 859 is _____ 959. 859 ◯ 959	8. 180 is _____ 108. 180 ◯ 108

Mixed Review

Solve.

9. $14 + 81 =$ ____ $44 + 44 =$ ____ $8 + 61 =$ ____

10. $53 - 5 =$ ____ $77 - 22 =$ ____ $97 - 30 =$ ____

Name _____

LESSON 22.3

Order Numbers: Before, After, Between

Write the number that is just before, between, or just after.

1.	205, 206	2.	_____, 445
3.	610, _____, 612	4.	149, _____
5.	78, _____, 80	6.	303, _____
7.	_____, 520	8.	980, _____, 982
9.	733, _____, 735	10.	_____, 517
11.	_____, 137	12.	42, _____, 44

Mixed Review

What is the total amount?

13.  _____¢

14.  _____¢

Name _____

Order Numbers on a Number Line

Write the numbers in order from least to greatest.
Use the number line to help you.

1. 639 647 643 650 — 639, 643, 647, 650

2. 640 637 649 648 — _____, _____, _____, _____

3. 641 645 644 649 — _____, _____, _____, _____

4. 651 639 642 645 — _____, _____, _____, _____

5. 646 638 643 637 — _____, _____, _____, _____

Mixed Review

Solve.

6. 21¢ + 18¢ = ____¢ 12¢ + 13¢ = ____¢

7. 33¢ + 54¢ = ____¢ 9¢ + 82¢ = ____¢

Name _____

LESSON 22.5

Problem Solving • Find a Pattern

Find the pattern. Write the rule.
Continue the pattern.

1. Maria sees a pattern in the numbers 219, 217, 215.

   The rule could be count back by 2.

   219, 217, 215, 213, 211, 209, 207

2. Jamel sees a pattern in the numbers 961, 966, 971.

   The rule could be count _____.

   961, 966, 971, _____, _____, _____, _____

3. Ben sees a pattern in the numbers 846, 746, 646.

   The rule could be count _____.

   846, 746, 646, _____, _____, _____, _____

4. Sue sees a pattern in the numbers 107, 110, 113.

   The rule could be count _____.

   107, 110, 113, _____, _____, _____, _____

5. Hector sees a pattern in the numbers 489, 479, 469.

   The rule could be count _____.

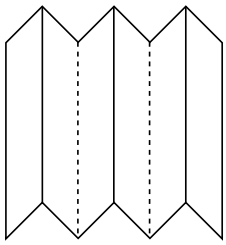
   489, 479, 469, _____, _____, _____, _____

Name _____

Explore Fractions

Write the number of parts.
Are the parts equal? Circle **yes** or **no**.

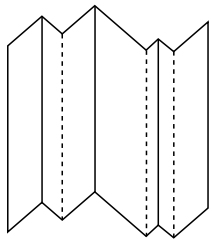
1.



yes
no

6 parts

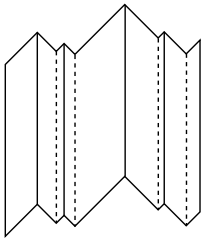
2.



yes
no

_____ parts

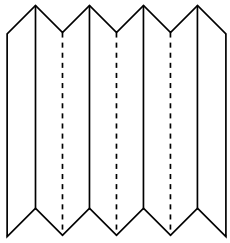
3.



yes
no

_____ parts

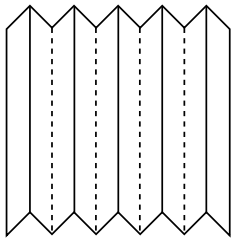
4.



yes
no

_____ parts

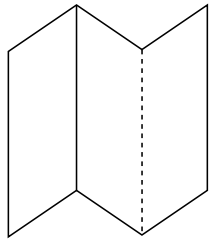
5.



yes
no

_____ parts

6.



yes
no

_____ parts

Mixed Review

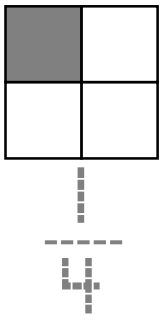
Solve.

7. $54 + 17 =$ _____ $72 + 25 =$ _____ $91 + 12 =$ _____

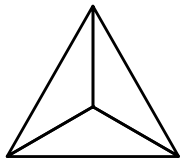
Name _____

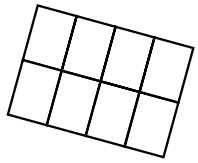
Unit Fractions

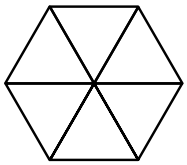
Color one part red.
Write the fraction for the red part.

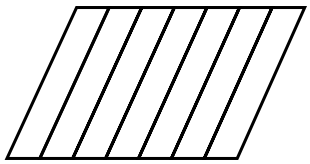
1. 

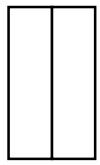
_____

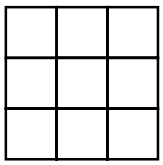
2. 
_____

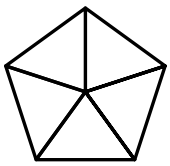
3. 
_____

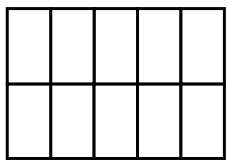
4. 
_____

5. 
_____

6. 
_____

7. 
_____

8. 
_____

9. 
_____

Mixed Review

Solve.

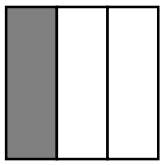
10. 53 − 5 = _____ 69 − 5 = _____ 98 − 5 = _____

11. 74 − 5 = _____ 87 − 5 = _____ 46 − 5 = _____

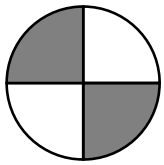
Name _____

Other Fractions

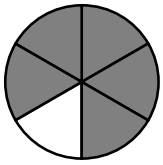
Write the fraction for the shaded part.

1. 

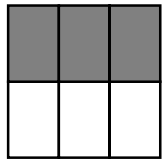
_____

2. 
_____

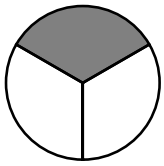
3. 
_____

4. 
_____

5. 
_____

6. 
_____

7. 
_____

8. 
_____

9. 
_____

Mixed Review

Solve.

10. 19 − ____ = 8 30 − ____ = 25 17 − ____ = 8

11. 10 − ____ = 7 12 − ____ = 7 20 − ____ = 10

12. 18 − ____ = 11 14 − ____ = 6 11 − ____ = 5

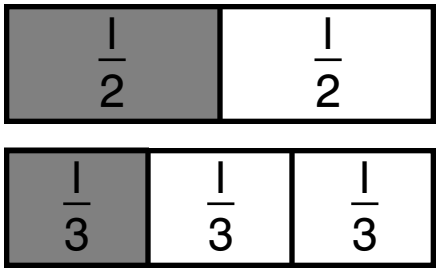
Name _____

LESSON 23.4

Compare Unit Fractions

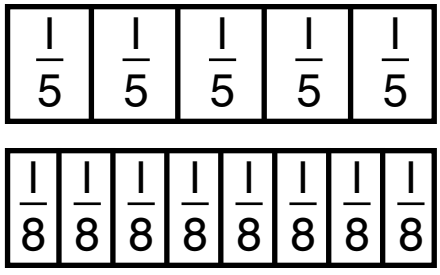
Color one part of each whole.
Circle the fraction that is less.

1.



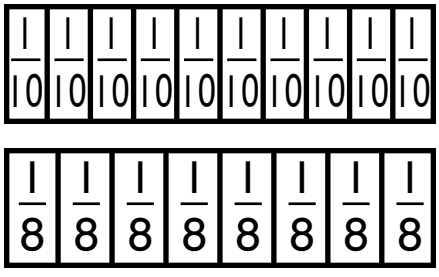
$\frac{1}{2}$ $\frac{1}{3}$

2.



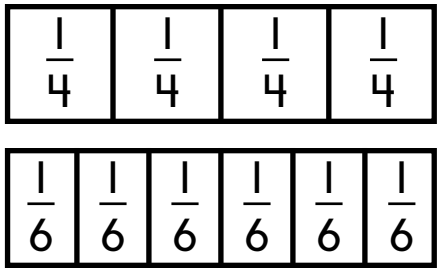
$\frac{1}{5}$ $\frac{1}{8}$

3.



$\frac{1}{10}$ $\frac{1}{8}$

4.



$\frac{1}{4}$ $\frac{1}{6}$

Mixed Review

Solve.

5. $54 + 40 =$ _____ $32 + 50 =$ _____ $49 + 30 =$ _____

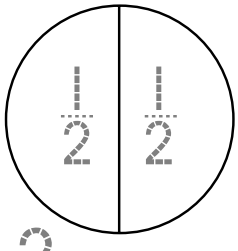
6. $68 - 40 =$ _____ $85 - 30 =$ _____ $73 - 20 =$ _____

Name _____

Fractions Equal to 1

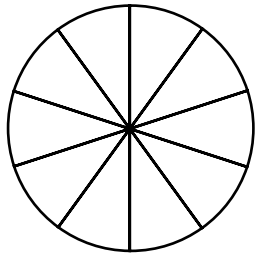
Write each fraction.
Count the parts. Write the fraction for the whole.

1.



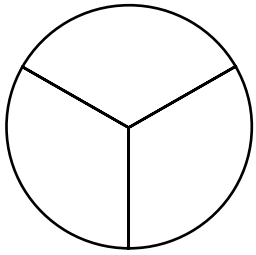
$\frac{2}{2}$ = 1 whole

2.



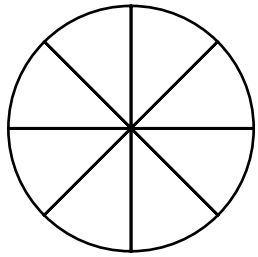
_____ = 1 whole

3.



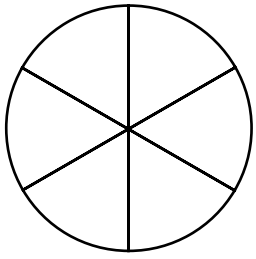
_____ = 1 whole

4.



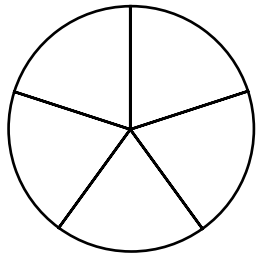
_____ = 1 whole

5.



_____ = 1 whole

6.



_____ = 1 whole

Mixed Review

Solve.

7. 573 − 100 = _____

268 − 100 = _____

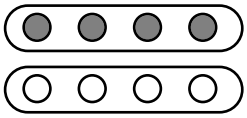
Name _____

LESSON 24.1

Explore Fractions

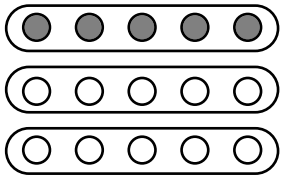
Write the fraction that shows the shaded part.

1. 2 equal parts



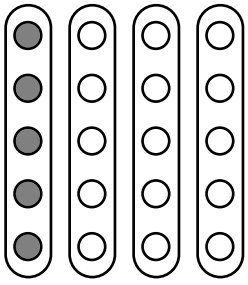
$\frac{1}{2}$

2. 3 equal parts



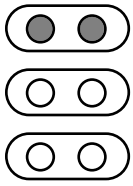
_____

3. 4 equal parts



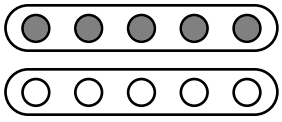
_____

4. 3 equal parts



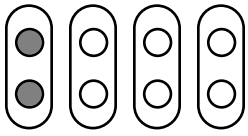
_____

5. 2 equal parts



_____

6. 4 equal parts



_____

Mixed Review

Solve.

7. $22¢ - 14¢ =$ _____ $37¢ + 42¢ =$ _____

8. $61¢ - 30¢ =$ _____ $17¢ + 55¢ =$ _____

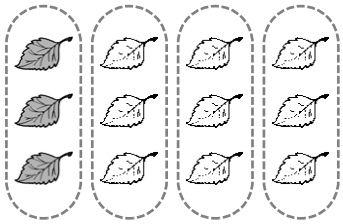
9. $29¢ + 50¢ =$ _____ $48¢ - 47¢ =$ _____

Name _____

Unit Fractions

Circle the equal parts. Color to show the fraction.

1.

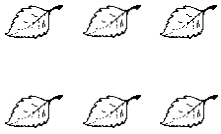


$\frac{1}{4}$

2.

$\frac{1}{5}$

3.

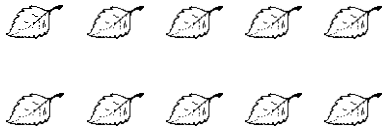


$\frac{1}{2}$

4.

$\frac{1}{3}$

5.



$\frac{1}{10}$

6.

$\frac{1}{8}$

Mixed Review

Write the next number.

7. 27, 30, 33, _____ 37, 47, 57, _____

8. 85, 80, 75, 70, _____ 16, 20, 24, _____

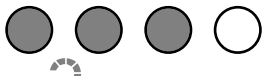
9. 90, 80, 70, _____ 85, 65, 45, _____

Name _____

LESSON 24.3

Other Fractions

Toss 4 2-color counters.
Color these counters to show your toss.
Write the fraction for each color. Repeat.

1. 

_____ red _____ yellow

2. 
_____ red _____ yellow

3. 
_____ red _____ yellow

4. 
_____ red _____ yellow

5. 
_____ red _____ yellow

6. 
_____ red _____ yellow

Mixed Review

Write **T** for True and **F** for False.

7. 16 > 61 ___ 71 = 17 ___ 44 > 42 ___

8. 24 < 61 ___ 66 < 56 ___ 88 > 18 ___

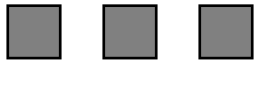
9. 9 + 9 = 18 ___ 20 − 10 = 1 ___ 14 − 7 = 7 ___

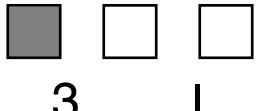
Name _____

LESSON 24.4

Compare Parts of a Group

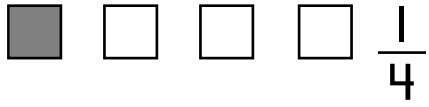
Compare the shaded parts. Look at > or <.
Circle true or false.

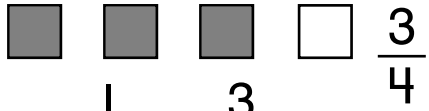
1.  $\frac{3}{3}$

 $\frac{1}{3}$

$\frac{3}{3} < \frac{1}{3}$

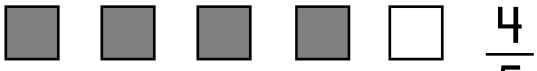
true (false)

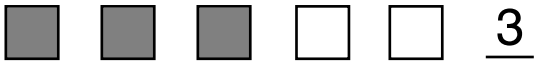
2.  $\frac{1}{4}$

 $\frac{3}{4}$

$\frac{1}{4} < \frac{3}{4}$

true false

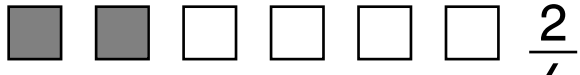
3.  $\frac{4}{5}$

 $\frac{3}{5}$

$\frac{4}{5} < \frac{3}{5}$

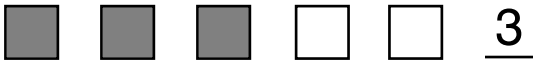
true false

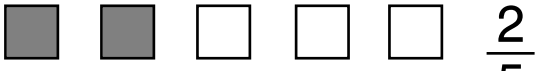
4.  $\frac{5}{6}$

 $\frac{2}{6}$

$\frac{5}{6} > \frac{2}{6}$

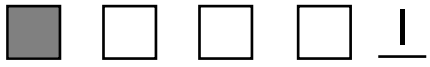
true false

5.  $\frac{3}{5}$

 $\frac{2}{5}$

$\frac{3}{5} > \frac{2}{5}$

true false

6.  $\frac{1}{4}$

 $\frac{4}{4}$

$\frac{1}{4} > \frac{4}{4}$

true false

Mixed Review

Write the number that comes next.

7. 8, 12, 16, 20, _____

8. 20, 22, 24, 26, _____

Name _____

LESSON 24.5

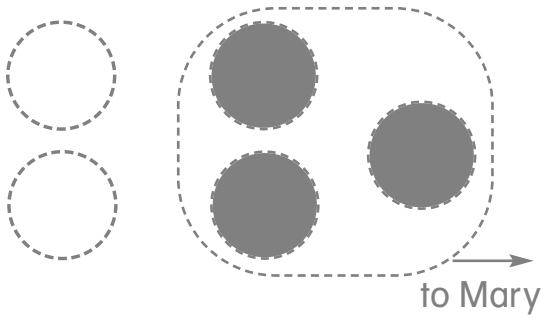
Problem Solving • Make a Model

Use 12 ●. Make and draw a model to solve.

1. Jimmy has 5 oranges. He gives $\frac{3}{5}$ of the oranges to Mary. The rest he keeps for himself. What fraction of the oranges does Jimmy have left?

$\frac{2}{5}$

_____



2. Sue has 6 marbles. 3 marbles are red and 3 marbles are green. What fraction of the marbles are green?

_____

3. Joe has 8 basketballs. He gives 5 basketballs to Tony. What fraction of the basketballs does Tony have?

_____

4. Paul has 4 apples. 3 apples are red and 1 apple is green. What fraction of the apples are green?

_____

Name _____

Add Hundreds

Add.

1.

1	1 hundred	100
+ 4	+ 4 hundreds	+ 400
5	5 hundreds	500

2.

2	2 hundreds	200
+ 7	+ 7 hundreds	+ 700
	hundreds	

3.

3	3 hundreds	300
+ 5	+ 5 hundreds	+ 500
	hundreds	

4.

6	6 hundreds	600
+ 1	+ 1 hundred	+ 100
	hundreds	

5.

4	4 hundreds	400
+ 4	+ 4 hundreds	+ 400
	hundreds	

6.

6	6 hundreds	600
+ 0	+ 0 hundreds	+ 0
	hundreds	

7.

5	5 hundreds	500
+ 2	+ 2 hundreds	+ 200
	hundreds	

8.

1	1 hundred	100
+ 3	+ 3 hundreds	+ 300
	hundreds	

Mixed Review

9. $99 - 12 =$ ____ $68 - 41 =$ ____ $55 - 25 =$ ____

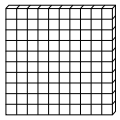
10. $76 - 57 =$ ____ $47 - 32 =$ ____ $32 - 18 =$ ____

11. $81 - 56 =$ ____ $27 - 18 =$ ____ $74 - 28 =$ ____

Name _____

LESSON 25.2

Model 3-Digit Addition

Use  . Add. Regroup if you need to.

1.

hundreds	tens	ones
	1	
2	3	9
+ 2	0	2
4	4	1

2.

hundreds	tens	ones
8	0	6
+ 1	2	7

3.

hundreds	tens	ones
1	2	9
+ 4	1	3

4.

hundreds	tens	ones
2	3	6
+ 3	1	6

5.

hundreds	tens	ones
8	0	7
+ 1	3	4

6.

hundreds	tens	ones
6	2	8
+	1	3

Mixed Review

How many hundreds, tens, and ones are there?

7. 862 = ____ hundreds ____ tens ____ ones

8. 729 = ____ hundreds ____ tens ____ ones

9. 376 = ____ hundreds ____ tens ____ ones

Name _____

Add 3-Digit Numbers

Add.

1.

hundreds	tens	ones
2	0	7
+ 1	1	9
3	2	6

2.

hundreds	tens	ones
4	2	9
+ 1	1	7

3.

hundreds	tens	ones
2	2	5
+ 5	6	6

4. 429 + 137

5. 675 + 153

6. 321 + 296

7. 523 + 406

8. 199 + 700

9. 462 + 450

10. 610 + 198

11. 725 + 92

Mixed Review

Solve. You have 8 oranges.

12. What fraction is 1 orange?____ What fraction are 3 oranges?____

13. What fraction are 7 oranges?____What fraction are 2 oranges?____

14. What fraction are 4 oranges?____What fraction are 5 oranges? ____

Name _____

More 3-Digit Addition

Add.

1. 144 + 217 = 361	2. 610 + 389	3. 555 + 128	4. 908 + 47
5. 403 + 416	6. 367 + 80	7. 777 + 141	8. 800 + 69
9. 589 + 206	10. 91 + 782	11. 211 + 611	12. 194 + 490
13. 371 + 62	14. 246 + 316	15. 444 + 7	16. 302 + 473

Mixed Review

Write the number that is less.

17. 992, 929 _____

18. 777, 779 _____

19. 636, 663 _____

20. 585, 555 _____

Name _____

Add Money

Add.

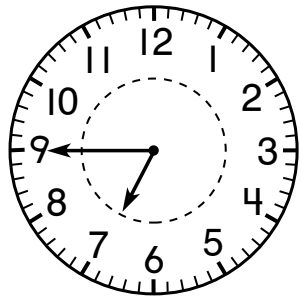
1. $6.31 + 1.82 = $8.13	2. $5.80 + 3.61 = $	3. $2.21 + 7.64 = $	4. $5.00 + 4.44 = $
5. $3.72 + 4.81 = $	6. $0.06 + 8.21 = $	7. $2.66 + 2.43 = $	8. $1.86 + 3.62 = $
9. $7.48 + 0.26 = $	10. $4.58 + 3.27 = $	11. $0.82 + 4.11 = $	12. $6.57 + 2.80 = $
13. $1.22 + 5.90 = $	14. $3.12 + 3.84 = $	15. $6.11 + 1.29 = $	16. $3.85 + 1.06 = $

Mixed Review

Solve.

17. 2  + 1  = _____

18. 3  + 6  = _____

19.  : _____

Name _____

Practice Adding 3-Digit Numbers

Rewrite the numbers in each problem. Then add.

1. 192 + 243 192 + 243 435	2. 544 + 327	3. 680 + 24
4. 328 + 226	5. 187 + 390	6. 248 + 607
7. 532 + 416	8. 245 + 172	9. 128 + 46

Mixed Review

Solve.

10. 78−48 = ____ 87−19 = ____ 37−29 = ____

11. 44−16 = ____ 61−37 = ____ 58−25 = ____

12. 91−59 = ____ 31−18 = ____ 52−27 = ____

13. 46−20 = ____ 68−54 = ____ 70−18 = ____

Name _____

Subtract Hundreds

Subtract.

1.

5	5 hundreds	500
− 1	− 1 hundred	− 100
4	4 hundred	400

2.

3	3 hundreds	300
− 3	− 3 hundreds	− 300
	hundreds	

3.

9	9 hundreds	900
− 4	− 4 hundreds	− 400
	hundreds	

4.

6	6 hundreds	600
− 2	− 2 hundreds	− 200
	hundreds	

5.

8	8 hundreds	800
− 5	− 5 hundreds	− 500
	hundreds	

6.

9	9 hundreds	900
− 6	− 6 hundreds	− 600
	hundreds	

7.

4	4 hundreds	400
− 2	− 2 hundreds	− 200
	hundreds	

8.

8	8 hundreds	800
− 2	− 2 hundreds	− 200
	hundreds	

▶ Mixed Review

Solve.

9. $72¢ - 11¢ =$ _____ $69¢ - 29¢ =$ _____

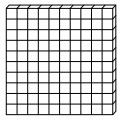
10. $55¢ + 37¢ =$ _____ $42¢ + 33¢ =$ _____

11. $86¢ - 49¢ =$ _____ $91¢ - 59¢ =$ _____

Name _____

LESSON 26.2

Model 3-Digit Subtraction

Use Workmat 5  and subtract.

1.

hundreds	tens	ones
	2	10
7	~~3~~	~~0~~
− 4	1	2
3	1	8

hundreds	tens	ones
	□	□
3	9	1
− 2	0	4

2.

hundreds	tens	ones
	□	□
8	2	2
− 1	0	6

hundreds	tens	ones
	□	□
7	5	6
− 2	4	8

3.

hundreds	tens	ones
	□	□
5	3	8
− 1	1	9

hundreds	tens	ones
	□	□
8	3	4
−	2	7

Mixed Review

Solve.

4. 66 + 26 = ____ 28 − 18 = ____ 92 − 52 = ____

5. 78 − 28 = ____ 57 + 17 = ____ 41 − 11 = ____

6. 30 + 10 = ____ 84 − 34 = ____ 97 − 27 = ____

Name _____

Subtract 3-Digit Numbers

Subtract.

1.

hundreds	tens	ones
5	10	
6	0	6
− 2	5	2
3	5	4

2.

hundreds	tens	ones
8	3	5
− 4	7	2

3.

hundreds	tens	ones
4	6	2
−	3	3

4.

hundreds	tens	ones
5	0	4
− 1	8	2

5.

hundreds	tens	ones
8	2	4
− 6	5	4

6.

hundreds	tens	ones
2	2	9
−	8	6

7.

hundreds	tens	ones
3	0	3
− 1	1	1

8.

hundreds	tens	ones
9	2	4
− 1	9	3

9.

hundreds	tens	ones
5	4	3
− 5	2	7

Mixed Review

Write the number that is greater.

10. 916, 961 _____

11. 777, 727 _____

12. 227, 272 _____

13. 111, 191 _____

14. 585, 515 _____

15. 629, 692 _____

Name _____

LESSON 26.4

More 3-Digit Subtraction

Subtract.

1. 5 11 6 ~~1~~4 − 291 323	2. 879 − 481	3. 163 − 29	4. 764 − 513
5. 920 − 760	6. 208 − 147	7. 386 − 192	8. 412 − 280
9. 555 − 472	10. 897 − 216	11. 438 − 219	12. 931 − 812
13. 651 − 181	14. 538 − 218	15. 798 − 559	16. 222 − 182

Mixed Review

Write the number that is less.

17. 218, 281 _____

18. 712, 721 _____

19. 344, 343 _____

20. 819, 891 _____

Name _____

Problem Solving • Too Much Information

Draw a line through the sentence that is not needed. Then solve.

1. ~~Farmer Brown has 50 chickens.~~ The chickens lay 192 eggs on Monday and 264 eggs on Tuesday. How many eggs do the chickens lay altogether?

456 eggs

$$\begin{array}{r} 192 \\ +\ 264 \\ \hline 456 \end{array}$$

2. Farmer Brown grows 465 pounds of corn. Farmer Smith grows 298 pounds of corn. Farmer Jones grows 319 pounds of corn. How much more corn does Farmer Brown grow than Farmer Jones?

_____ pounds of corn

3. There are 320 fish in Farmer Brown's pond. Farmer Smith has 672 fish in his pond. Farmer Jones has 458 fish in his pond. How many fewer fish does Farmer Jones have than Farmer Smith?

_____ fewer fish

4. Farmer Brown has 542 horses on his farm. 126 of the horses are brown. He buys 116 new horses. How many horses does Farmer Brown have in all?

_____ horses

Name _____

LESSON 27.1

Add and Subtract Money

Remember: Write the dollar sign and decimal point in your answer.

Add or subtract.

1. $7.62 + 2.18 = $9.80	2. $6.80 − 2.11	3. $1.26 + 4.41	4. $5.55 − 1.39
5. $5.29 + 3.48	6. $1.47 − 0.39	7. $3.97 + 4.10	8. $2.66 − 0.43
9. $4.44 + 4.44	10. $7.87 − 5.14	11. $6.12 + 3.21	12. $4.20 − 2.19
13. $2.36 + 5.35	14. $8.63 − 3.47	15. $8.01 + 1.09	16. $9.99 − 2.99

Mixed Review

Write + or − to make the number sentence correct.

17. 66 ◯ 14 = 80 71 ◯ 17 = 54 22 ◯ 22 = 44

18. 50 ◯ 13 = 37 80 ◯ 18 = 98 43 ◯ 29 = 14

Name _____

Estimate Sums and Differences

Round to estimate.
Then add or subtract to solve.

	Estimate	Solve
1. Hector has $7.84. Jill has $6.18. How much more money does Hector have than Jill? $1.66	$8.00 − 6.00 = $2.00	7 14 $7.8̸4 − 6.18 = $1.66
2. Hector takes all of his money to the toy store. He buys a ball for $1.06. How much money does he have left? _____		
3. Jill buys a goldfish for $2.19 and fish food for $1.83. How much money does she spend in all? _____		
4. How much money does Jill have left after she buys the fish and the fish food? _____		

Mixed Review

Solve.

5. $2.48 + $4.19 = _____ $5.12 + $1.18 = _____

6. $7.17 + $1.71 = _____ $6.60 − $2.14 = _____

Name _____

LESSON 27.3

Practice Adding and Subtracting 3-Digit Numbers

Add or subtract. Use the code to answer the riddle.

400–425: D	451–475: G	501–525: I	551–575: O	601–625: S
426–450: E	476–500: H	526–550: L	576–600: R	626–650: T

Why did the Chicken cross the playground?

530 + 100 = 630	680 − 119 =	236 + 236 =	919 − 475 =	248 + 399 =
T				
808 − 181 =	378 + 192 =	888 − 244 =	248 + 249 =	793 − 364 =

239 + 314 =	939 − 295 =	298 + 200 =	687 − 238 =	292 + 292 =
790 − 189 =	181 + 362 =	750 − 225 =	221 + 187 =	888 − 438 =
				!

Name _____

Problem Solving • Multiple–Step Problems

Add or subtract.
Do one step at a time.

	Step 1	Step 2
1. The children in Mrs. Smith's class sell 372 tickets on Monday and 406 on Tuesday. There are 880 tickets to sell. How many tickets are left to sell? 102 tickets	406 + 372 778	7 10 8 8 0 − 7 7 8 1 0 2
2. Maria has $3.25 in her piggy bank. She earns $2.50 doing chores for her mother. Then she spends $2.10. How much money does Maria have left? _____		
3. The school has 640 students. There are 116 students in the first grade and 208 students in the second grade. How many students are not in the first or second grade? _____ students		
4. Leon had 526 baseball cards. He gave 110 cards to Billy. Then Billy gave him 107 cards. How many baseball cards does Leon have now? _____ baseball cards		

Name _____

LESSON 28.1

Explore Multiplication

Make equal groups of  . Skip count.
Write how many in all.

1. Make 6 equal groups.
   Put 4  in each group.

   4, 8, ____, ____, ____, ____ ____ in all

---

2. Make 8 equal groups.
   Put 5  in each group.

   ____, ____, ____, ____, ____, ____, ____, ____ ____ in all

---

3. Make 5 equal groups.
   Put 6  in each group.

   ____, ____, ____, ____, ____ ____ in all

---

4. Make 7 equal groups.
   Put 3  in each group.

   ____, ____, ____, ____, ____, ____, ____ ____ in all

Mixed Review

Solve.

5. $30 + 90 =$ _____

6. $90 + 70 =$ _____

7. $70 + 40 =$ _____

8. $100 - 3 =$ _____

9. $150 - 4 =$ _____

10. $\$1.70 + \$0.50 =$ _____

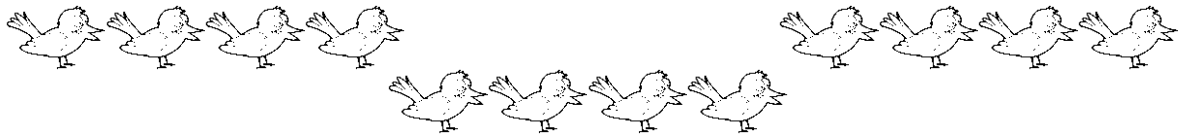
11. $190 - 8 =$ _____

12. $\$1.30 - \$1.10 =$ _____

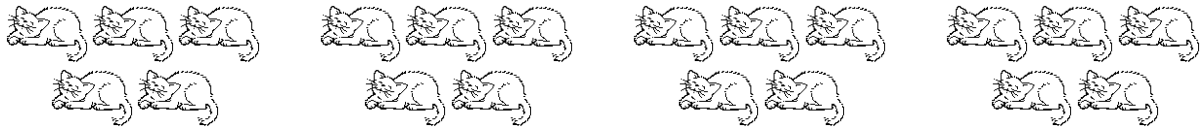
Name _____

Addition and Multiplication

Write the sum. Write the product.

1. 

$4 + 4 + 4 =$ 12 $3 \times 4 =$ 12

2. 

$5 + 5 + 5 + 5 =$ _____ $4 \times 5 =$ _____

3. 

$10 + 10 + 10 =$ _____ $3 \times 10 =$ _____

4. 

$1 + 1 + 1 + 1 + 1 =$ _____ $5 \times 1 =$ _____

Mixed Review

Solve.

5. $154 - 10 =$ _____ $149 - 10 =$ _____ $125 - 92 =$ _____

6. $172 - 10 =$ _____ $138 - 26 =$ _____ $147 - 95 =$ _____

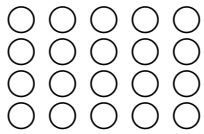
7. $118 - 10 =$ _____ $194 - 61 =$ _____ $136 - 91 =$ _____

Name _____

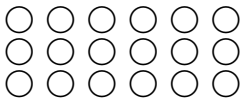
LESSON 28.3

Arrays

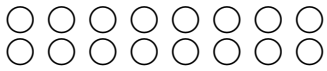
Write how many rows and how many in each row.
Write the product.

1. 

4 rows
5 in each row
4 × 5 = 20

2. 

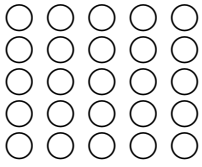
_____ rows
_____ in each row
3 × 6 = _____

3. 

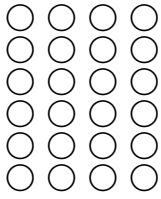
_____ rows
_____ in each row
2 × 8 = _____

4. 

_____ rows
_____ in each row
6 × 1 = _____

5. 

_____ rows
_____ in each row
5 × 5 = _____

6. 

_____ rows
_____ in each row
6 × 4 = _____

Mixed Review

Write the number.

7. 3 hundreds, 4 tens, 7 ones _____

8. 6 hundreds, 1 ten, 3 ones _____

9. 5 hundreds, 5 tens, 1 one _____

10. 8 hundreds, 3 tens, 2 ones _____

Name _____

Multiply in Any Order

Write the product.
Write the multiplication problem in reverse order.

1. $4 \times 5 = 20$ $5 \times 4 = 20$	**2.** $10 \times 3 =$ _____ _____ × _____ = _____
3. $2 \times 9 =$ _____ _____ × _____ = _____	**4.** $3 \times 7 =$ _____ _____ × _____ = _____
5. $6 \times 3 =$ _____ _____ × _____ = _____	**6.** $8 \times 2 =$ _____ _____ × _____ = _____
7. $7 \times 10 =$ _____ _____ × _____ = _____	**8.** $3 \times 8 =$ _____ _____ × _____ = _____

Mixed Review

Write the number that comes next.

9. 10, 20, 30, 40, _____

10. 6, 12, 18, 24, _____

11. 3, 6, 9, 12, _____

Find the sum.

12. 2+2+2+2+2+2+2 =_____

13. 5+5+5+5+5 =_____

14. 4+4+4+4+4+4 =_____

Name _____

LESSON 28.5

Multiply Across and Down

Write the product.

1. $2 \times 6 = 12$ $6 \times 2 = 12$	2. $5 \times 10 =$ _____ $10 \times 5 =$	3. $6 \times 4 =$ _____ $4 \times 6 =$
4. $1 \times 8 =$ _____ $8 \times 1 =$	5. $7 \times 3 =$ _____ $3 \times 7 =$	6. $5 \times 5 =$ _____ $5 \times 5 =$
7. $9 \times 2 =$ _____ $2 \times 9 =$	8. $6 \times 5 =$ _____ $5 \times 6 =$	9. $8 \times 3 =$ _____ $3 \times 8 =$
10. $7 \times 2 =$ _____ $2 \times 7 =$	11. $7 \times 4 =$ _____ $4 \times 7 =$	12. $10 \times 6 =$ _____ $6 \times 10 =$

Mixed Review

Write True or False.

13. $72 < 85$ _____

14. $53 = 153$ _____

15. $351 < 391$ _____

16. $27 < 26$ _____

17. $195 > 197$ _____

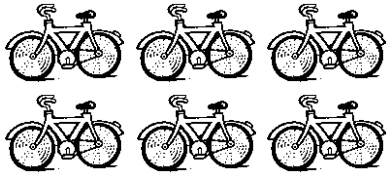
18. $790 < 295$ _____

Multiply with 2

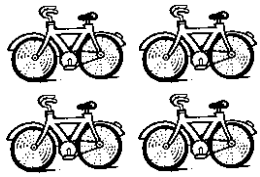
How many wheels are there in all?
Write the product.

1.

$3 \times 2 = 6$



$6 \times 2 =$ _____



$4 \times 2 =$ _____

Write the product.

2.

$2 \times 3 = 6$	3×2	2×8	8×2
2×2		2×6	6×2

3.

2×4	4×2	2×7	7×2	2×9	9×2

4.

2×10	10×2	2×1	1×2	2×5	5×2

5.

2×7	6×2	2×9	10×2	5×2	8×2

Mixed Review

Write >, <, or = to make the math sentence correct.

6. $68 - 27$ ◯ $44 + 2$ $\quad$ $27 + 14$ ◯ $51 - 10$

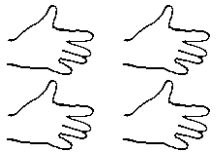
Name _____

LESSON 29.2

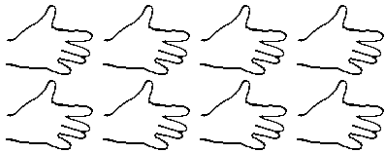
Multiply with 5

How many fingers are there in all?
Write the product.

1.



$4 \times 5 = 20$



$8 \times 5 =$ _____

$5 \times 5=$ _____

Write the product.

2. $9 \times 5 = 45$	5×9	5×2	2×5	5×1	1×5
3. 8×5	5×8	4×5	5×4	7×5	5×7
4. 5×3	3×5	6×5	5×6	5×10	10×5

Mixed Review

Write the number.

5. nine hundred sixty-one _____

6. two hundred thirty-eight _____

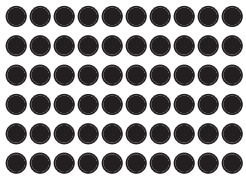
7. four hundred forty-four _____

8. two hundred twenty-one _____

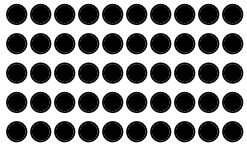
Name _____

Multiply with 10

How many counters are there in all?
Write the product.

1. 

$6 \times 10 = 60$

2. 

$5 \times 10 =$ _____

Write the product.

3.

8	10	4	5	10	7
× 10	× 6	× 10	× 10	× 8	× 10

4.

10	1	10	10	10	9
× 10	× 10	× 1	× 2	× 4	× 10

5.

2	3	10	10	6	10
× 10	× 10	× 9	× 7	× 10	× 3

Mixed Review

Write the missing number.

6. 65, _____, 75, 80

22, 24, _____, 28

7. _____, 72, 73, 74

30, 40, 50, _____

Name _____ LESSON 29.4

Memorize the Facts

Find the product.

1.

× 2	
3	6
5	
6	
7	
9	

2.

× 5	
1	
4	
6	
8	
10	

3.

× 10	
2	
4	
5	
8	
9	

Complete the table.

4.

×	1	2	3	4	5	6	7	8	9	10
2	2									
5										
10										

Mixed Review

Use . and $ to write the amounts.

5. three dollars, two quarters, and a penny _____

6. four dimes, one nickel, and three pennies _____

7. one dollar, fourteen pennies _____

8. seven dollars, three quarters _____

Equal Shares

1. Divide 12 apples into 3 equal groups. Circle the groups.

How many apples are in each group? 4

How many are left over? 0

2. Divide 7 oranges into 2 equal groups. Circle the groups.

How many oranges are in each group? _____

How many are left over? _____

3. Divide 16 pears into 3 equal groups. Circle the groups.

How many pears are in each group? _____

How many are left over? _____

Mixed Review

Write the greater fraction.

4. $\frac{1}{3}$ or $\frac{2}{3}$ _____

5. $\frac{6}{8}$ or 1 _____

6. $\frac{1}{4}$ or $\frac{2}{4}$ _____

7. $\frac{2}{5}$ or $\frac{1}{5}$ _____

Name _____ LESSON 30.2

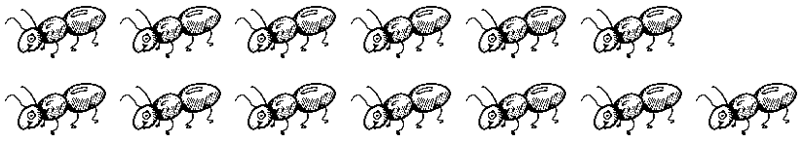
Make Equal Groups

Circle equal groups.
How many groups are there?
How many are left over?

1. Divide 17 ladybugs into groups of 5.

_____ groups _____ left over

2. Divide 13 ants into groups of 6.



_____ groups _____ left over

3. Divide 21 beetles into groups of 3.

_____ groups _____ left over

Mixed Review

What time will it be in 10 more minutes?

4. 6:25 _____
5. 8:10 _____
6. 1:40 _____
7. 7:05 _____
8. 10:10 _____
9. 3:20 _____

Name _____

Subtraction and Division

Use subtraction to find the quotient.

1. You have 15  . Make groups of 3.

15	12	9	6	3	
− 3	− 3	− 3	− 3	− 3	15 ÷ 3 = 5
12	9	6	3	0	

2. You have 20  . Make groups of 5.

20	15	10	5	
− 5	− 5	− 5	− 5	20 ÷ 5 = _____

3. You have 14  . Make groups of 2.

14	12	10	8	6	4	2	
− 2	− 2	− 2	− 2	− 2	− 2	− 2	14 ÷ 2 = _____

4. You have 30  . Make groups of 10.

30	20	10	
− 10	− 10	− 10	30 ÷ 10 = _____

Mixed Review

Write the missing number.

5. 14, _____, 20, 23

6. 60, 65, _____, 75

7. _____, 22, 24, 26

8. 30, 40, 50, _____

Name _____

LESSON 30.4

Problem Solving • Choose the Operation

Circle the number sentence that makes sense for the problem. Then solve.

1. There are 8 slices of pizza. Four friends share the pizza equally. How many slices does each friend get?

   2 slices

   $8 \div 4 = \underline{2}$

   $8 - 4 = \_\_\_\_$

---

2. There are 432 students in the school. 81 of the students are in the second grade. How many students are not in the second grade?

   _____ students

   $432 + 81 = \_\_\_\_$

   $432 - 81 = \_\_\_\_$

---

3. Trish buys 3 boxes of granola bars. There are 8 bars in each box. How many granola bars does Trish have?

   _____ granola bars

   $3 \times 8 = \_\_\_\_$

   $3 + 8 = \_\_\_\_$

---

4. Bill plants 26 daisies. He also plants 23 pansies. How many flowers does he plant in all?

   _____ flowers

   $26 + 23 = \_\_\_\_$

   $26 - 23 = \_\_\_\_$

Name _____

Problem Solving • Choose a Strategy

Choose a strategy.
Solve each problem.

Strategies
Draw a Picture
Make a Model
Make a List

1. Mario and Eric went to the store. They each spent $4.00. How much money did they spend in all?

$ 8.00

2. Ty gave 15 pencils to 5 friends. He gave an equal number to each. How many pencils did each friend get?

_____ pencils

3. One apple costs 5¢. Dylan has 25¢. How many apples can he buy?

_____ apples

4. Lon gave 6 bottle caps to 2 friends. He gave an equal number to each. How many caps did each friend get?

_____ bottle caps