1-1

Skills Practice

Extend a Pattern

Circle the pattern unit. Draw the next two shapes in the pattern.

1.

2.

3.
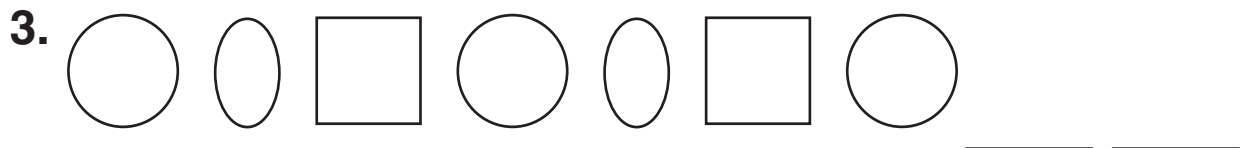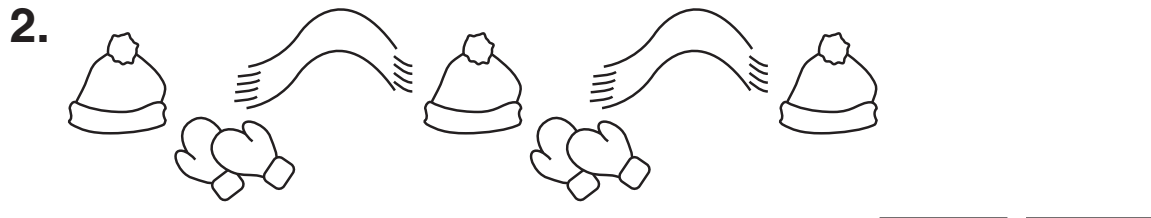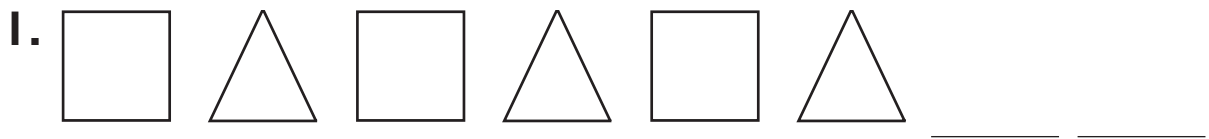
Draw a picture to solve.

4. Jess makes this pattern: circle, square, rectangle. She repeats the pattern 3 times. What does the pattern look like?
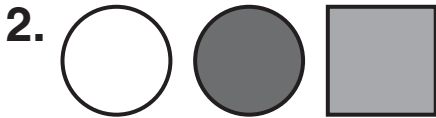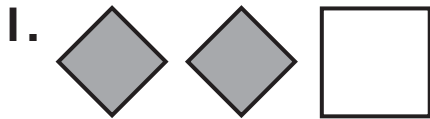
Draw your picture here.

5. Nate makes this pattern: triangle, circle. He repeats the pattern 4 times. What does the pattern look like?

Draw your picture here.

Name _____

Skills Practice

Create a Pattern

Use pattern blocks to help make a pattern.
Draw your pattern. Then color.

Draw here.

1.

2.

3.

Draw a picture to solve.

4. Amy has 3 blocks: a
circle, a triangle, and a
square. What is one kind
of pattern she could make
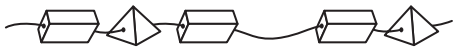with the blocks? Draw it.

1-3

Skills Practice

Problem-Solving Strategy: Look for a Pattern

Look for a pattern to solve.

1. Morgan makes a necklace. A bead falls off. Which bead is missing? Draw it.

Draw the missing bead here.

2. Van makes a necklace. Some beads fall off. Which beads are missing? Draw them.
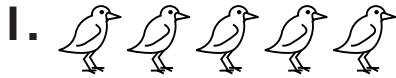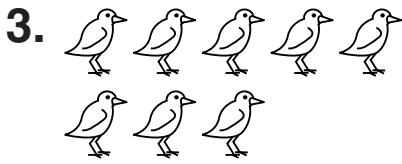
Draw the missing beads here.

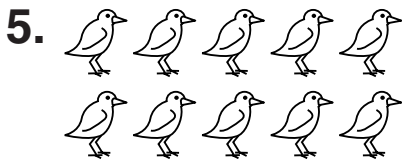**3.** Kai makes a necklace. Some beads fall off. Which beads are missing? Draw them.
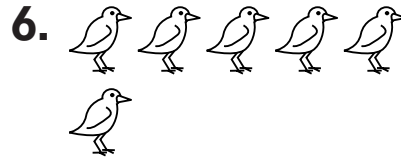
Draw the missing beads here.

18

1-4

Skills Practice

Numbers to 10

Count. Write the number. Write the word name.

1. 🐦🐦🐦🐦🐦

_____   _____

2. 🐦🐦🐦

_____   _____

3. 🐦🐦🐦🐦🐦
🐦🐦🐦

_____   _____

4. 🐦🐦

_____   _____

5. 🐦🐦🐦🐦🐦
🐦🐦🐦🐦🐦

_____   _____

6. 🐦🐦🐦🐦🐦
🐦

_____   _____

Solve.

7. Stacy writes the numbers
1 and 10. Then she
changes the words into
numbers. What does she
write?

_____   _____

_____   _____

8. Julio is thinking of a
number. The number is
between six and eight.
What number is Julio
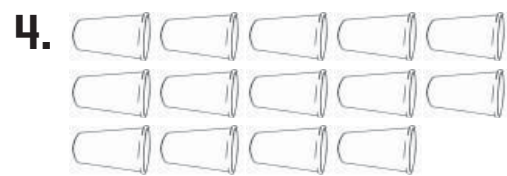thinking of? Write the
number and the word
name.

_____   _____

1-5

Skills Practice

Numbers 11 to 15

Count. Write the number. Write the word name.

1.

_____

2.

_____

3.

_____

4.

_____

Solve.

5. Harry has 11 trading cards. Draw a line to his group of cards.

6. Luis has 15 trading cards. Draw a line to his group of cards.

1-6

Skills Practice

Numbers 16 to 20

Count. Write the number and word name.

1.

⬜⬜⬜⬜⬜
⬜⬜⬜⬜⬜
◯◯◯◯◯
◯

_____   _____

2.

⬜⬜⬜⬜⬜
⬜⬜⬜⬜⬜
◯◯◯◯◯
◯◯

_____   _____

3.

⬜⬜⬜⬜⬜
⬜⬜⬜⬜⬜
⬜⬜⬜⬜⬜
⬜⬜⬜⬜⬜

_____   _____

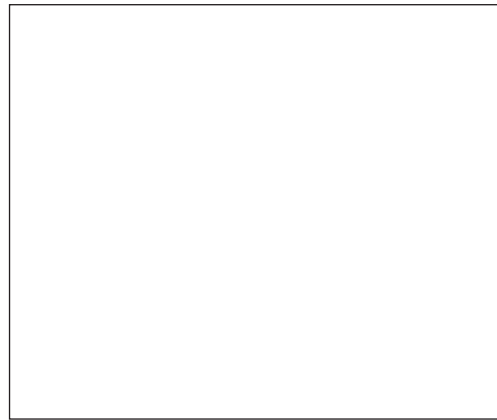**4.**

⬜⬜⬜⬜⬜
⬜⬜⬜⬜⬜
◯◯◯◯◯
◯◯◯

_____   _____

Solve.

5. Tanya writes the following numbers in order: sixteen, seventeen, eighteen, nineteen, twenty. Then, she changes the words into numbers. What did she write?
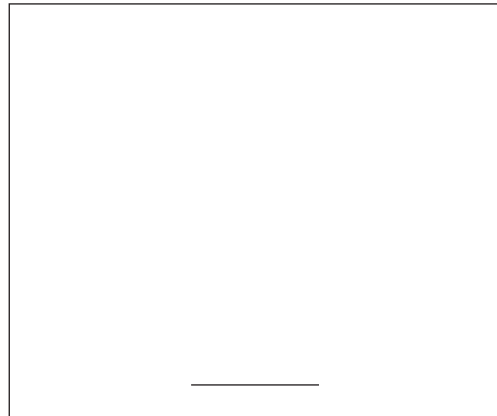
_____

Name _____

Skills Practice

Problem-Solving Investigation: Choose a Strategy

Solve.

Show your work here

1. I have a row of 4 blocks. There are 2 of each shape: square and triangle. I have squares on both ends. Draw the pattern.

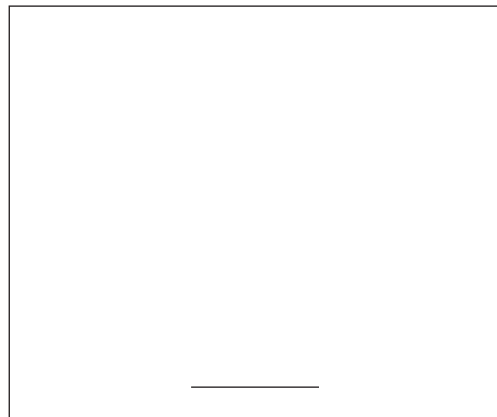**2.** May writes a pattern using letters. She writes A and B four times. What is the 6th letter?

_____

3. Bill draws a pattern ◯ ☐ △. He repeats his pattern three times. How many shapes does he draw?

_____

Name _____

Skills Practice

Compare Numbers

Preparation: Unit cubes are needed for this activity.
Use ▱ to show each number.
Compare. Circle the words.

1. 20 is _____ 15.

(greater than)   less than   equal to

2. 18 is _____ 19.

greater than   less than   equal to

3. 22 is _____ 22.

greater than   less than   equal to

4. 10 is _____ 1.

greater than   less than   equal to

5. 8 is _____ 18.

greater than   less than   equal to

6. 16 is _____ 12.

greater than   less than   equal to

Solve.

7. Mary has 17 marbles.
Luis has 14 marbles.

Who has the greater
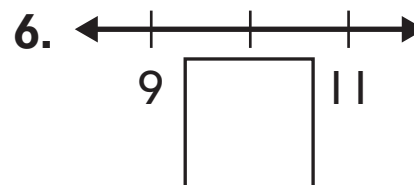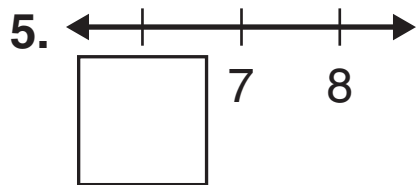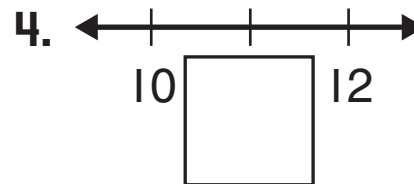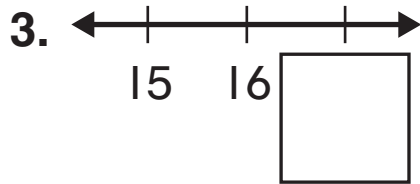number of marbles?

_____

8. Val has 10 post cards.
Jerry has 12 post cards.

Who has the greater
number of post cards?

_____

Name _____

Skills Practice

Order Numbers

Write the missing number.

```
←──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──→
   1  2  3  4  5  6  7  8  9  10 11 12 13 14 15 16 17 18 19 20
```

I. ←─┼──┼──┼─→
18 [ ] 20

2. ←─┼──┼──┼─→
[ ] 17 18

3. ←─┼──┼──┼─→
15 16 [ ]

4. ←─┼──┼──┼─→
10 [ ] 12

5. ←─┼──┼──┼─→
[ ] 7 8

6. ←─┼──┼──┼─→
9 [ ] 11
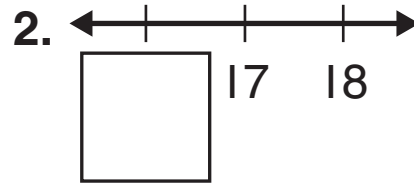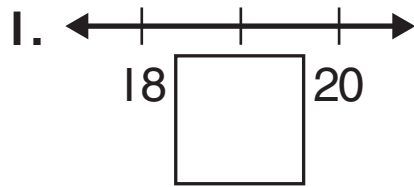
Count backward. Use the number line.
Write the missing numbers.

7. 20, _____, 18, _____, _____, 15, _____

2-1

Skills Practice

Addition Stories

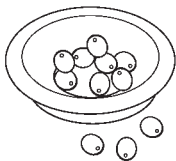**Tell a number story to your partner.**
Use ⬤ ◯ to add. Write how many in all.

1. How many watermelons total? _____

2. How many grapes in all? _____

3. How many oranges altogether?

_____

Write how many in all.

4. Neil has 2 peaches. Neil's dad buys 3 more.
How many peaches are there now?
_____ peaches

5. Sandra has 1 apple for lunch. Her friend also has
an apple. How many apples are there in all?
_____ apples

Name _____

Skills Practice

Modeling Addition

Use WorkMat 3 and ⬤ ◯ to add.

1.

Part	Part
⬤ ⬤ ⬤ ⬤	◯
Whole	
5	

2.

Part	Part
⬤ ⬤ ⬤ ⬤ ⬤ ⬤	◯ ◯ ◯
Whole	

3.

Part	Part
⬤ ⬤	◯ ◯ ◯ ◯
Whole	

4.

Part	Part
⬤ ⬤ ⬤	◯ ◯ ◯ ◯ ◯
Whole	

Write how many. Use ⬤ ◯.

5. Show 2.
Add 3 more.
How many in all?

_____

6. Show 4.
Add 4 more.
How many altogether?

_____

7. Show 5.
Add 2 more.
How many total?

_____

8. Show 3.
Add 1 more.
How many in all?

_____

2-3

Skills Practice

Addition Sentences

Write the addition sentence.

1.

3 ◯ 1 ◯ 4
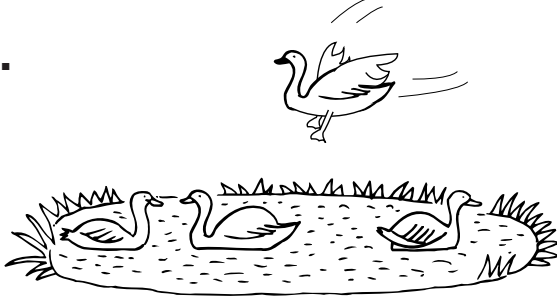
2.

___ ◯ ___ ◯ ___
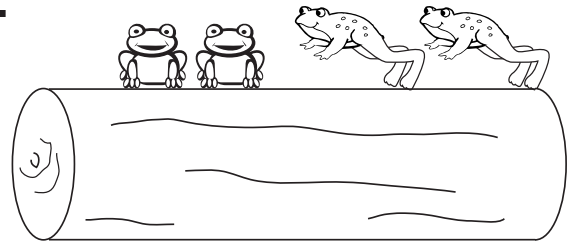
3.

___ ◯ ___ ◯ ___
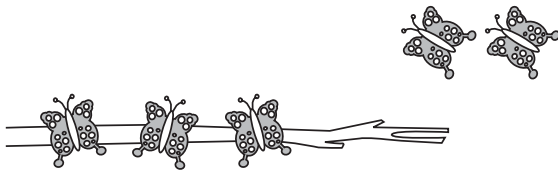
4.

___ ◯ ___ ◯ ___

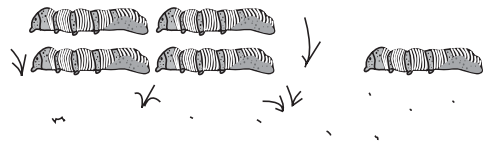**5.** There are 4 bears
at the lake.
2 more bears come.
How many bears now?

___ ◯ ___ ◯ ___

6. There are 3 fish
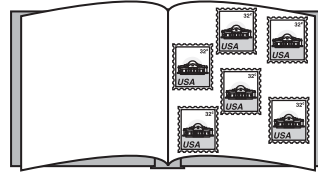in the creek.
3 more fish swim by.
How many in all?

___ ◯ ___ ◯ ___

Name _____

Skills Practice

Adding Zero
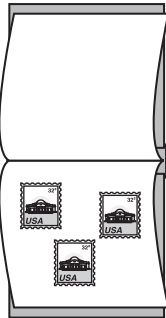
Find each sum.

1.

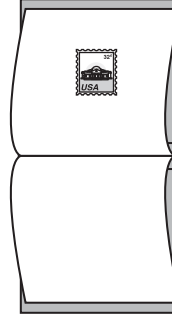$2 + 0 = \underline{2}$

2.

$0 + 6 = \underline{\hspace{1cm}}$
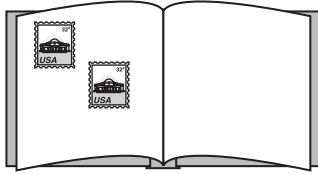
3.

$$\begin{array}{r} 0 \\ + 3 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 1 \\ + 0 \\ \hline \end{array}$$

5. $4 + 0 = \underline{\hspace{1cm}}$ **6.** $8 + 0 = \underline{\hspace{1cm}}$ **7.** $7 + 0 = \underline{\hspace{1cm}}$

8. There are 4 carrots in one bag. There are 0 carrots in the other bag. How many total carrots?

_____ carrots

9. There are 6 tomatoes in a bowl. There are none in the other bowl. How many tomatoes in all?

_____ tomatoes

Skills Practice

Problem-Solving Strategy: Write a Number Sentence

Write a number sentence.
Find how many in all.

1. 2 cars honk.
4 more cars honk.
How many total
cars are honking?   ＿＿ + ＿＿ = ＿＿ cars

2. 6 train cars pass.
Then 5 more pass.
How many total
train cars pass?   ＿＿ + ＿＿ = ＿＿ train cars

3. 4 school buses are
parked. 3 more drive
up. How many buses
are there?   ＿＿ + ＿＿ = ＿＿ buses

4. 2 planes fly by.
Then 1 more plane
flies by. How many
planes in all?   ＿＿ + ＿＿ = ＿＿ planes

Name _____

Skills Practice

Ways to Make 4, 5, and 6

Use ⬤ ◯ to make 4, 5, and 6. Color the ◯.
Write the numbers.

	⬤	plus	◯	equals	sum
⬤◯◯◯	1	+	3	=	4
◯◯◯◯	___	+	___	=	4
◯◯◯◯	___	+	___	=	4
◯◯◯◯◯	___	+	___	=	5
◯◯◯◯◯	___	+	___	=	5
◯◯◯◯◯	___	+	___	=	5
◯◯◯◯◯	___	+	___	=	5
◯◯◯◯◯◯	___	+	___	=	6
◯◯◯◯◯◯	___	+	___	=	6
◯◯◯◯◯◯	___	+	___	=	6
◯◯◯◯◯◯	___	+	___	=	6
◯◯◯◯◯◯	___	+	___	=	6

Write the numbers.

1. Jose has 3 green apples and 1 red apple. How many apples in all?

____ + ____ = ____ apples

2. Sally has 4 storybooks and 2 math books. How many books in all?

____ + ____ = ____ books

Name _____

Skills Practice

Ways to Make 7, 8, and 9

Put ⬤◯ in two groups to make 7, 8, and 9.
Write the numbers.

⬤	plus	◯	equals	sum
1	+	6	=	7
___	+	___	=	7
___	+	___	=	7
___	+	___	=	7
___	+	___	=	8
___	+	___	=	8
___	+	___	=	8
___	+	___	=	8

⬤	plus	◯	equals	sum
___	+	___	=	9
___	+	___	=	9
___	+	___	=	9
___	+	___	=	9
___	+	___	=	9
___	+	___	=	9
___	+	___	=	9
___	+	___	=	9

Write an addition sentence to solve.

1. Sandra blows up 4
balloons.
Mike blows up 3.
How many balloons do
they blow up together?

____ + ____ = ____ balloons

2. Cho has 3 party hats.
She buys 5 more.
How many party hats
does she have in all?

____ + ____ = ____ hats

Name _____

Skills Practice

Ways to Make 10, 11, and 12

Write the missing numbers.

1.
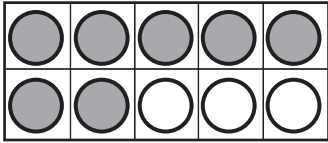
$\underline{7} + \underline{3} = 10$

2.
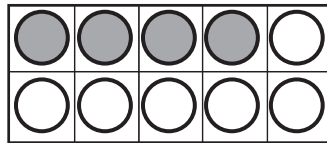
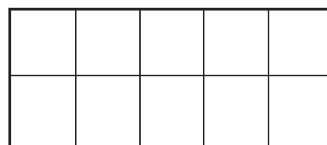$\underline{} + \underline{} = 10$

Draw ● ○ on WorkMat 1. Write the numbers.

3.
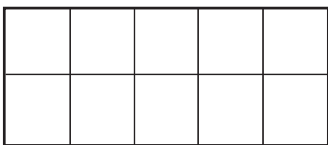
$\underline{} + \underline{} = 12$

4.

$\underline{} + \underline{} = 11$

5.

$\underline{} + \underline{} = 10$

6.

$\underline{} + \underline{} = 12$

Write number sentences to solve.

7. Ling's book has 3 dots on the front. It has 7 dots on the back. How many dots in all?

$\underline{} + \underline{} = \underline{}$ dots

8. David's book has 7 blue stripes. It has 11 stripes in all. How many red stripes are there?

$7 + \underline{} = 11$ stripes

2-9

Skills Practice

Problem-Solving Investigation: Choose a Strategy

Choose a strategy. Solve.

Problem-Solving Strategies
• Act it out
• Draw a picture
• Write a number sentence

1. Betsy makes 2 kites. Luis makes 1 kite. How many kites are made in all?

_____
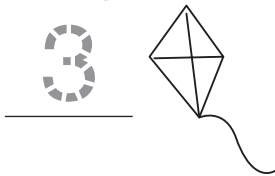
2. Chen has 5 spools of thread. He buys 2 more. How many total spools of thread are there?

_____

3. Blake finds 4 crayons on the floor. Kim finds 7 more. How many crayons do they have now?

_____ red

Name _____

Skills Practice

Vertical Addition

Write the numbers. Add across and down.

1.

5 + 1 = 6
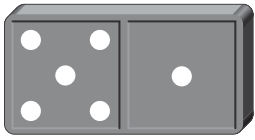
$+$ row: 5, 1, 6
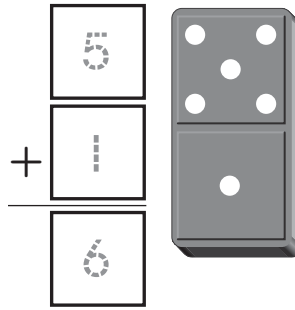
2.

_____ + _____ = _____
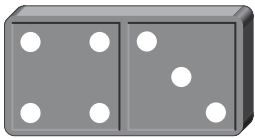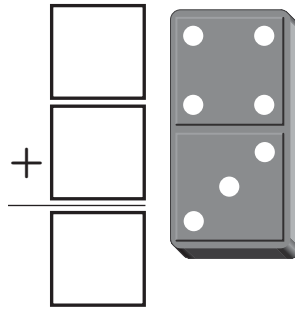
3.

_____ + _____ = _____
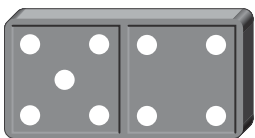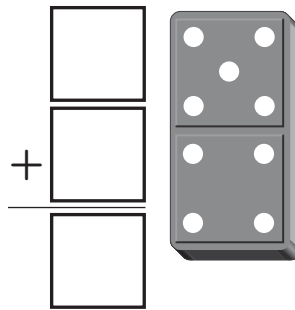
Write two addition sentences. Add.

4. There are 3 birds in the nest.
2 more fly to the nest.
How many birds are in the
nest altogether?

_____ + _____ = _____

Name _____
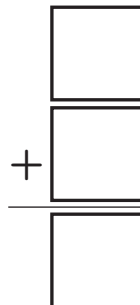
Skills Practice

Subtraction Stories

Tell a number story. Use ◯.
Write how many are left.

```
┌─────────────────────────────┐
│                             │
│                             │
│                             │
│                             │
│                             │
│                             │
└─────────────────────────────┘
```

1. Show 5.
Take 1 away.
How many are left?

_____

2. Show 4.
Take 4 away.
How many now?

_____

3. Show 7.
Put 4 away.
How many are still there?

_____

4. Show 6.
Take 4 away.
How many are left?

_____

5. Show 4.
Take 1 away.
How many are left?

_____

6. Show 7.
Take 2 away.
How many now?

_____

3-2

Skills Practice

Modeling Subtraction

Use WorkMat 3 and ◯ to subtract.

1.

Part	Part
7	
Whole	
8	

2.

Part	Part
1	
Whole	
5	

3.

Part	Part
2	
Whole	
10	

4.

Part	Part
1	
Whole	
6	

5.

Part	Part
6	
Whole	
9	

6.

Part	Part
9	
Whole	
10	

7.

Part	Part
4	
Whole	
10	

8.

Part	Part
8	
Whole	
9	

3-3

Skills Practice

Subtraction Sentences

Write the subtraction sentence.

1. ⊗◯◯

3 take away 1 equals ___.

___ ◯ ___ ◯ ___

2. ⊗⊗◯◯

___ take away ___ equals ___.

___ ◯ ___ ◯ ___

3. ⊗⊗◯

___ ◯ ___ ◯ ___

4. ⊗⊗◯◯◯

___ ◯ ___ ◯ ___

5. ⊗⊗⊗⊗◯◯

___ ◯ ___ ◯ ___

6. ⊗⊗⊗⊗◯

___ ◯ ___ ◯ ___

7. There are 6 cats in a tree.
1 cat runs away.
How many cats are left?

___ ◯ ___ ◯ ___

8. There are 6 cats playing.
3 cats run away.
How many cats are left?

___ ◯ ___ ◯ ___

Name _____

Skills Practice

Subtract Zero and All

Find the difference. Use ◯ if needed.

1. $8 - 0 =$ _8_   **2.** $9 - 9 =$ _____   **3.** $7 - 0 =$ _____

4. $5 - 5 =$ _____   **5.** $6 - 0 =$ _____   **6.** $4 - 4 =$ _____

7. $3 - 3 =$ _____   **8.** $9 - 0 =$ _____   **9.** $7 - 7 =$ _____

| **10.** $\begin{array}{r} 4 \\ -\ 0 \\ \hline \end{array}$ | **11.** $\begin{array}{r} 6 \\ -\ 6 \\ \hline \end{array}$ | **12.** $\begin{array}{r} 8 \\ -\ 8 \\ \hline \end{array}$ | **13.** $\begin{array}{r} 3 \\ -\ 0 \\ \hline \end{array}$ | **14.** $\begin{array}{r} 5 \\ -\ 0 \\ \hline \end{array}$ |

| **15.** $\begin{array}{r} 2 \\ -\ 2 \\ \hline \end{array}$ | **16.** $\begin{array}{r} 9 \\ -\ 9 \\ \hline \end{array}$ | **17.** $\begin{array}{r} 6 \\ -\ 0 \\ \hline \end{array}$ | **18.** $\begin{array}{r} 2 \\ -\ 0 \\ \hline \end{array}$ | **19.** $\begin{array}{r} 5 \\ -\ 5 \\ \hline \end{array}$ |

Solve.

20. Dan has 4 🪁.

All 4 🪁 get stuck in a tree.

How many 🪁 does Dan have left?

_____ 🪁

21. Jeri has 8 ◯.

She puts 8 ◯ in a basket and gives them to her dad.

How many ◯ does Jeri have?

_____ ◯

Name _____

Skills Practice

Problem-Solving Strategy: Draw a Picture

Draw a picture to solve.

1. Bob had 8 bananas.

He ate 2.

How many does he have left?

_____ bananas

---

2. Jill had 10 apples.

She ate 0.

How many does she have now? _____ apples

---

3. Sue had 5 carrots.

She gave 4 away.

How many does she still have? _____ carrot

---

4. 9 toys are in a box. David takes 4 toys out of the box.

How many toys are left in the box? _____ toys

Name _____

Skills Practice

Subtract From 4, 5, and 6

Use [cube]. Write the numbers.

	Subtract from 4, 5, and 6				
	[cube]	minus	[cube]	equals	difference
1.	4	–	3	=	
2.	4	–	2	=	
3.	4	–	1	=	
4.	5	–	4	=	
5.	5	–	3	=	
6.	5	–	2	=	
7.	5	–	1	=	
8.	6	–	5	=	
9.	6	–	4	=	
10.	6	–	3	=	
11.	6	–	2	=	
12.	6	–	1	=	

3-7
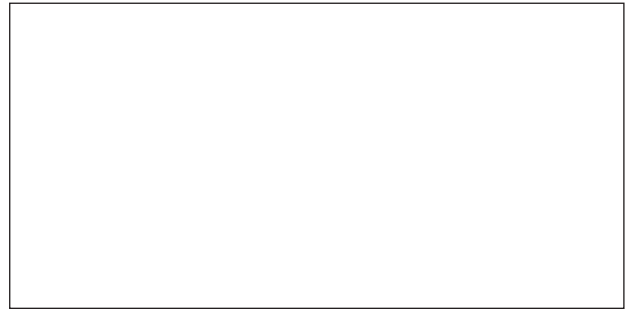
Skills Practice

Subtract From 7, 8, and 9

Use [cube]. Write the numbers.

	Subtract from 4, 5, and 6				
	[cube]	minus	[cube]	equals	difference
I.	7	−	6	=	
2.	7	−	5	=	
3.	7	−	4	=	
4.	7	−	3	=	
5.	8	−	7	=	
6.	8	−	6	=	
7.	8	−	5	=	
8.	8	−	4	=	
9.	9	−	8	=	
10.	9	−	7	=	
11.	9	−	6	=	
12.	9	−	5	=	

3-8

Skills Practice

Problem-Solving Investigation: Choose a Strategy

**Choose a strategy.
Solve.**

Problem-Solving Strategies
• Act it out
• Draw a picture

1. Ted has 9 cars.
Dick has 4 cars.
How many more cars
does Ted have?

_____ cars

2. Sue and Beth jump rope.
Sue jumps 10 times.
Beth jumps 8 times.
How many more times
does Sue jump?

_____ jumps

3. Allison had 10 crayons.
Now she has 7 crayons.
How many crayons did
she give away?

_____ crayons

Name _____

Skills Practice

Subtract from 10, 11, and 12

Use WorkMat 1 and ● ○ to subtract.

1.

$10 - 3 =$ _____

$10 - 7 =$ _____

2.

$11 - 2 =$ _____

$11 - 9 =$ _____

3.

$12 - 4 =$ _____

$12 - 8 =$ _____

4.
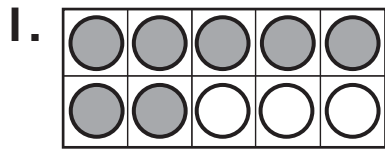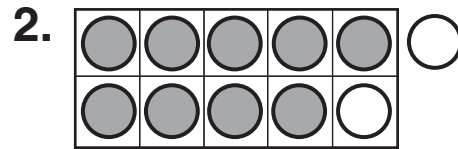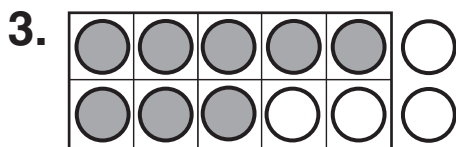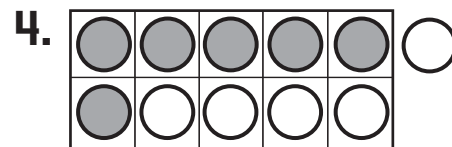
$11 - 5 =$ _____

$11 - 6 =$ _____

Fill in the ten frame and solve.

5.
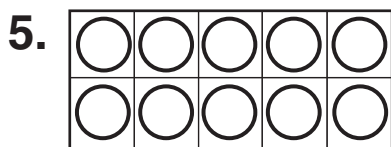
Lisa had 10 ice cubes in a glass. 9 of the ice cubes melted.

How many cubes are left?

_____ ice cubes

6.
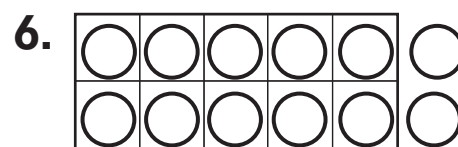
Carol had 12 pennies. She spent 3 pennies.
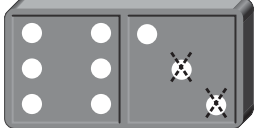
How many pennies does Carol have now?

_____ pennies

Name _____

Skills Practice

Vertical Subtraction
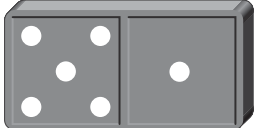
Cross out to subtract.

1.

$$\begin{array}{r} 9 \\ -\ 3 \\ \hline \end{array}$$
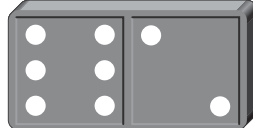
$9 - 3 = $ _____

2.

$$\begin{array}{r} 6 \\ -\ 2 \\ \hline \end{array}$$

$6 - 2 = $ _____

3.

$$\begin{array}{r} 6 \\ -\ 1 \\ \hline \end{array}$$

$6 - 1 = $ _____

4.

$$\begin{array}{r} 8 \\ -\ 2 \\ \hline \end{array}$$

$8 - 2 = $ _____

Write two subtraction sentences.
One across ↔ and one down ↕.

5. Rory's mom buys 7 apples. Alfonso eats some of them. There are 5 left. How many did Rory eat?

_____ _____ _____

6. Mia had 9 marbles. She lost 7 of them. How many does she have now?

_____ _____ _____

Name _____

Skills Practice

Sort and Classify

Sort the counters. Draw them on the Venn diagram.

I. Use 5 ◯, 2 ◯, I ◉◉◉

I circle   both   shaded circles

2. Use I ◉◉◉ , 5 ◯, 2 ◯◯◯

shaded circles   3 circles

both

Name _____
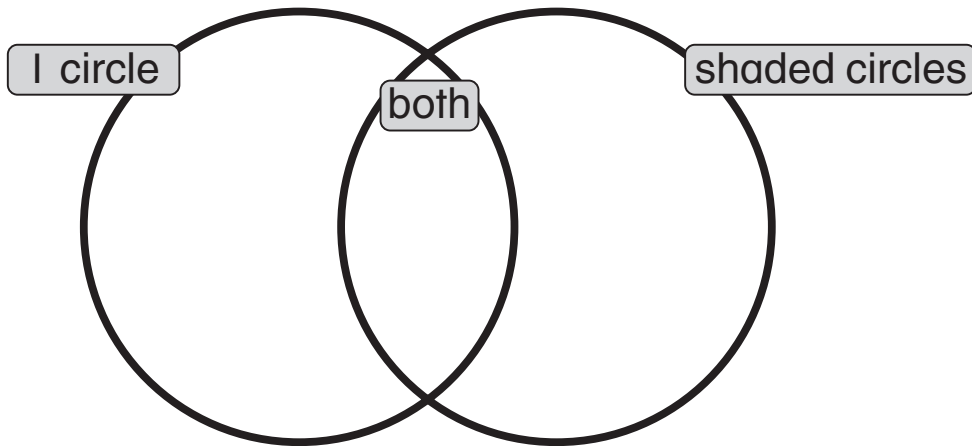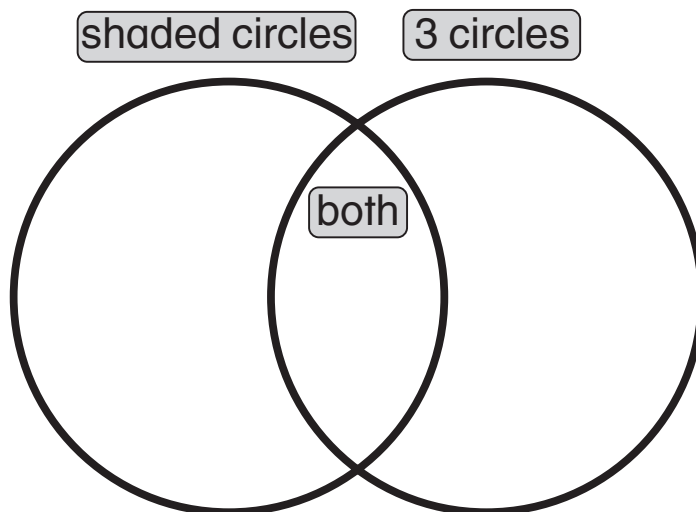
Skills Practice

Picture Graphs

Use the graph to answer the questions.

Favorite Fruit					
apple	🍎	🍎	🍎	🍎	🍎
banana	🍌	🍌	🍌		
strawberry	🍓	🍓	🍓	🍓	🍓
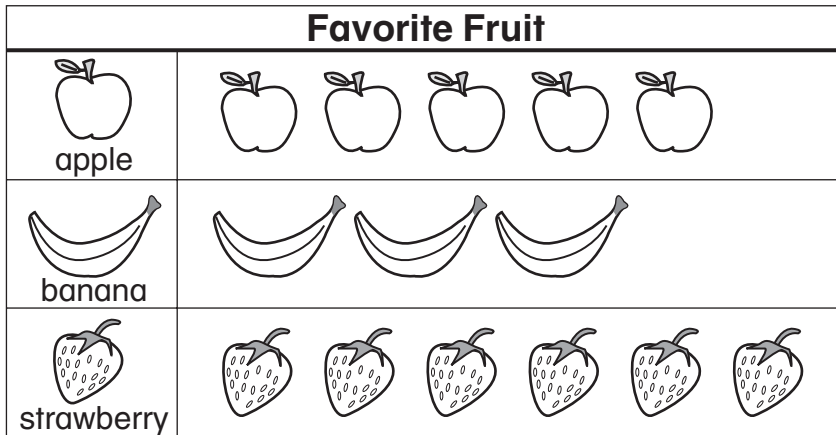
1. Do more people like 🍌 or 🍓 ?

Draw it. _____

2. Which fruit has 3 votes?

Draw it. _____

3. How many people like 🍎 ? _____

4. Which fruit has more than 5 votes?

Draw it. _____

5. There are how many **more** votes for 🍓 than 🍎 ?

_____

6. There are how many **more** votes for 🍎 than 🍌 ?

_____

4-3

Skills Practice

Problem-Solving Strategy: Make a Table

Make a table to solve.

1. Jose sees 3 🕊️ , 5 🐚 , and 2 ⭐ at the beach.

Objects on the beach	How many?	Does it have wings?
🕊️	_____	_____
🐚	_____	_____
⭐	_____	_____

How many more 🐚 than ⭐ are on the beach? _____

How many objects have wings? _____

2. Ann went to the zoo. She saw 🦒 , 🎈 , and 🦜 .

Objects at the zoo	Is it tall?	Does it have wings?	Is it alive?
🦒	_____	_____	_____
🎈	_____	_____	_____
🦜	_____	_____	_____

Are there any tall objects that are alive? _____

Are there any tall objects that have wings? _____

18

Name _____

Skills Practice

Tally Charts

Count the tally marks. Write each total.

| My Favorite Season		
Season	Tally	Total
☀ summer	⊩⊩ l	6
🎃 fall	lll	
❄ winter	⊩⊩	
🌷 spring	llll	

Remember

$l = 1$

$⊩⊩ = 5$
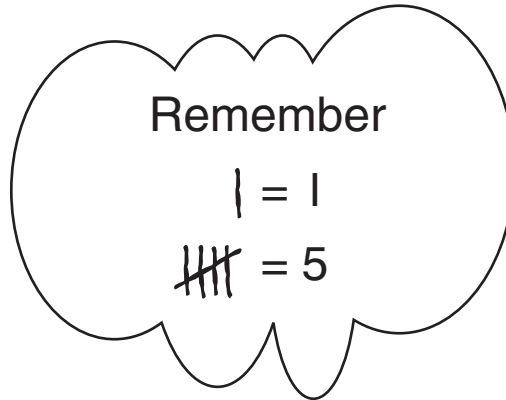
1. Which season got the **most** votes? _____

2. Which season got the **fewest** votes? _____

3. How many chose 🌷 ? _____

4. How many chose 🎃 ? _____

5. Which got **more** votes, ❄ or 🌷 ? _____

6. Which got 4 votes, 🎃 or 🌷 ? _____

7. How many **more** votes did ☀ get than 🎃 ? _____

8. How many **total** votes did ❄ and 🌷 get? _____

9. How many people were surveyed? _____

Name _____

Skills Practice

Read a Bar Graph

Use the bar graph. Answer the questions.

Favorite Fruit
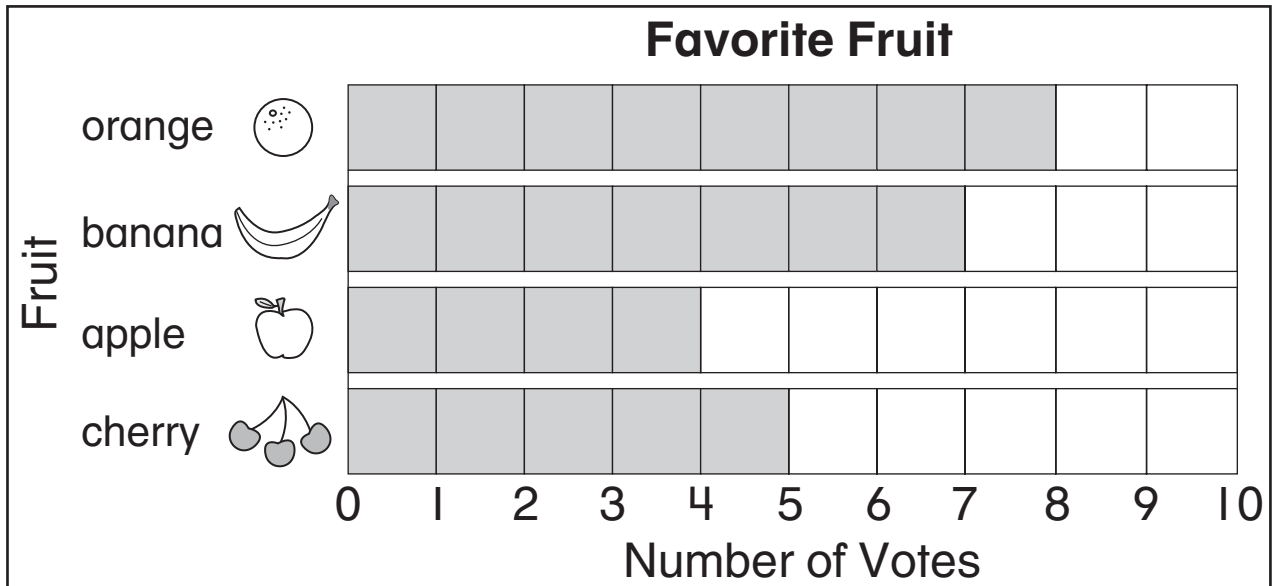
1. Which fruit has **fewer** votes, banana or cherry? _cherry_

2. Which fruit got the **most** votes? _____

3. Which fruit has the **least** votes? _____

4. Which fruit has **more** votes, orange or banana? _____

5. Count the votes for apple and orange. How many votes in all? _____

6. How many more votes for banana than for apple? _____

7. How many people were surveyed? _____

Name _____

Skills Practice

Make a Bar Graph

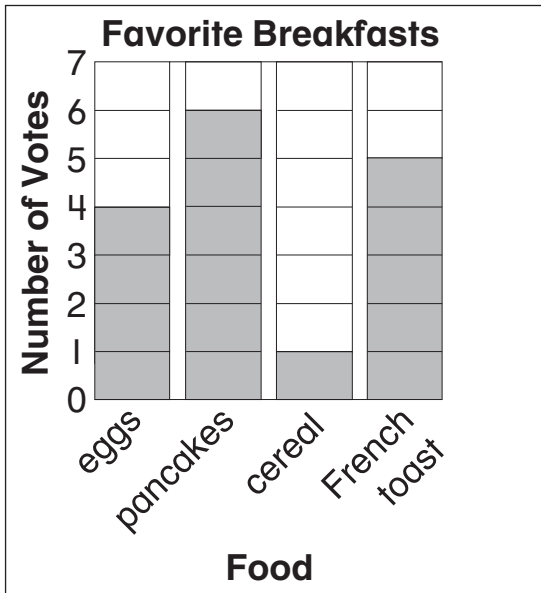## Write each total. Make a bar graph.
Answer the questions.

What We Like to Do		Total
Play games	|||	3
Read a book	H̶H̶	
Draw	||	

What We Like to Do

Activity

Play games	
Read a book	
Draw	

0 1 2 3 4 5 6
Number of Votes
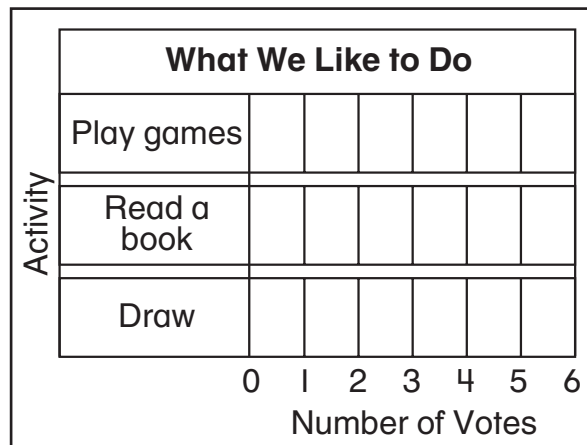
1. Which do more students like to do, play games or draw? _____

2. Which activity got the most votes? _____

3. Which activity got the fewest votes? _____

4. Which activity got fewer votes than playing games? _____

5. Which 2 activities got 8 votes in all?

_____

6. How many more votes did **read a book** get than **draw**? _____

7. How many students voted? _____

Name _____

Skills Practice

Problem-Solving Investigation: Choose a Strategy

Favorite Breakfasts

Number of Votes

7
6
5
4
3
2
1
0

eggs pancakes cereal French toast

Food

Problem-Solving Strategies

- Guess and check
- Draw a picture
- Write a number sentence

Choose a strategy to solve.

1. How many more students like pancakes than eggs?

_____

2. How many students like pancakes and eggs?

_____

3. How many students voted for favorite breakfast foods?

_____

4. Four more students said they like cereal. Add the votes to the chart.

5. Which two breakfast foods received the same number of votes?

_____

6. Add one more vote for pancakes on the chart. Now how many more students like pancakes than eggs?

_____

Name _____

Skills Practice

Certain or Impossible

Helen cuts out some shapes. She puts them in a bag.

Shapes in Helen's Bag

		0	1	2	3	4	5
☐	square						
○	circle						
☆	star						

Look at the bar graph. Circle your answers.

1. You can pick a square
from the bag.   certain   impossible

2. You can pick a star
from the bag.   certain   impossible

3. You can pick a circle
from the bag.   certain   impossible

Name _____

Skills Practice

Add in Any Order

Write the addends. Add. You can use ⬤ ◯.

1. ⬤⬤⬤◯◯◯◯◯
◯◯◯◯◯⬤⬤⬤

_____ + _____ = _____
addend   addend   sum

_____ + _____ = _____
addend   addend   sum

2. ⬤⬤◯◯◯◯
◯◯◯◯⬤⬤

_____ + _____ = _____

_____ + _____ = _____

3. ⬤⬤⬤⬤⬤⬤⬤◯
◯⬤⬤⬤⬤⬤⬤⬤

$$\begin{array}{r} \square \\ + \square \\ \hline \square \end{array} \qquad \begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$$

4. $6 + 3 =$ _____

$3 + 6 =$ _____

5.
$$\begin{array}{r} 1 \\ + 5 \\ \hline \end{array} \qquad \begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$$

6. There are 4 lions in the zoo. 5 more come. How many lions are in the zoo?

_____ + _____ = _____

_____ + _____ = _____

7. There are 2 bunnies in the field. 5 more come. How many bunnies are in the field now?

$$\begin{array}{r} \square \\ + \square \\ \hline \square \end{array} \qquad \begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$$

7

Name _____

Skills Practice

Count On 1, 2, or 3

Use 🎲. Start with the greater number. Count on to add.

1. $7 + 3 =$ _____

2. $6 + 2 =$ _____

3. $1 + 8 =$ _____

4. $4 + 3 =$ _____

5. $3 + 1 =$ _____

6. $2 + 5 =$ _____

7. $3 + 5 =$ _____

8. $3 + 2 =$ _____

9.
$$\begin{array}{r} 1 \\ +\,3 \\ \hline \end{array} \qquad \begin{array}{r} 9 \\ +\,3 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 4 \\ +\,2 \\ \hline \end{array} \qquad \begin{array}{r} 2 \\ +\,7 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 7 \\ +\,1 \\ \hline \end{array} \qquad \begin{array}{r} 1 \\ +\,5 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 4 \\ +\,1 \\ \hline \end{array} \qquad \begin{array}{r} 2 \\ +\,2 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 6 \\ +\,3 \\ \hline \end{array} \qquad \begin{array}{r} 9 \\ +\,2 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 8 \\ +\,2 \\ \hline \end{array} \qquad \begin{array}{r} 3 \\ +\,3 \\ \hline \end{array}$$

Count on to add. Write the number sentence.

15. Mary sees 2 buses. Then she sees 3 more. How many buses does she see in all?

____ + ____ = ____ buses

16. Dave sees 4 bikes. His Dad sees 3 bikes. How many total bikes do they see?

____ + ____ = ____ bikes

Name _____

Skills Practice

Problem-Solving Strategy: Act it Out

Act it out to solve.   **Draw counters here.**

1. John sees 6 boats. 2 more pass by. How many boats does he see in all?

_____ boats

2. Ben catches a ball 3 times. Then he catches the ball 4 more times. How many times does he catch the ball?

_____ times

3. Sam sees 4 ducks in a pond. 1 more duck comes. How many ducks does Sam see?

_____ ducks

4. Eric sees 4 flowers in the garden. He sees 2 flowers in the yard. How many flowers does he see?

_____ flowers

5-4

Skills Practice

Add 1, 2, or 3

Circle the greater number. Then count on to add.

1. $2 + 3 =$ _____

2. $5 + 2 =$ _____

3. $4 + 9 =$ _____

4. $6 + 3 =$ _____

5. $5 + 1 =$ _____

6. $3 + 5 =$ _____

7. $3 + 8 =$ _____

8. $1 + 3 =$ _____

9.
$$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$$

Start with the greater number. Count on to find each sum. Write the number sentence.

15. Jose kicked the ball 2 times. Then he kicked the ball 5 more times. How many times did he kick the ball?

_____ + _____ = _____ times

16. Lara runs 3 laps. She takes a break. Then she runs 2 more laps. How many total laps does she run?

_____ + _____ = _____ laps

Name _____

Skills Practice

Use a Number Line to Add

Use the number line. Add.

```
←――+――+――+――+――+――+――+――+――+――+――+――+――→
   0   1   2   3   4   5   6   7   8   9  10  11  12
```
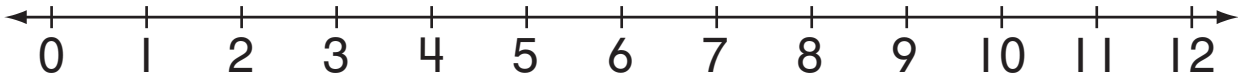
1. $5 + 3 =$ _8_ $6 + 1 =$ _____ $2 + 2 =$ _____

2. $9 + 2 =$ _____ $8 + 2 =$ _____ $7 + 3 =$ _____

3. $6 + 2 =$ _____ $9 + 3 =$ _____ $7 + 2 =$ _____

4.

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

5.

1	5	3	3	2	3
+ 7	+ 2	+ 4	+ 9	+ 4	+ 3

6. Mark ate 3 peas. Then he ate 7 more. How many peas did he eat?

_____ peas

7. Lori drank 2 cups of milk. Bill and Julia each drank 1 cup. How many cups did they drink in all?

_____ cups

Name _____

Skills Practice

Doubles

Write the sum.

1. ⬜⬜⬜▪ ⬜⬜⬜▪

_____ + _____ = _____

2. ⬜⬜⬜⬜⬜▪ ⬜⬜⬜⬜⬜▪

_____ + _____ = _____

3. ⬜⬜▪ ⬜⬜▪

_____ + _____ = _____

4. ⬜⬜⬜⬜▪ ⬜⬜⬜⬜▪

_____ + _____ = _____

5. 6 + 6 = _____   **6.** 3 + 3 = _____   **7.** 1 + 1 = _____

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

11.   3
        + 3
       _____

12.   5
        + 5
       _____

13.   2
        + 2
       _____

14.   4
        + 4
       _____

15.   6
        + 6
       _____

16. 4 bears are in a cave. 4 bears are at the lake. How many bears are there?

_____ + _____ = _____

bears

17. 2 rabbits hop. 2 rabbits run. How many rabbits are there?

_____ + _____ = _____

rabbits

Name _____

Skills Practice

Doubles Plus 1

Find each sum. Use ⬜.

1. 3 + 3 = _____

2. 4 + 3 = _____

3. 2 + 2 = _____

4. 3 + 2 = _____

5. 4 + 4 = _____

6. 4 + 5 = _____

7. 1 + 1 = _____

8. 1 + 2 = _____

9.   6
     + 6
   ____

10.   7
      + 6
    ____

11.   1
      + 1
    ____

12.   1
      + 2
    ____

13.   5
      + 5
    ____

14.   5
      + 6
    ____

Use a doubles plus 1 fact to solve.

15. Nathan has 3 sticks. Jack has 4 sticks. How many total sticks do they have?

___ + ___ = ___ will help

3 + 4 = ___ sticks

16. Meg drew 5 triangles. Ann drew 6 triangles. How many triangles did they draw?

___ + ___ = ___ will help

5 + 6 = ___ triangles

5-8

Skills Practice

Problem-Solving Investigation: Choose a Strategy

**Choose a strategy.
Solve.**

Problem-Solving Strategies
• Draw a picture
• Guess and check
• Act it out

1. Dan eats 2 peaches. Patty eats 1 peach. How many do they eat?

_____ peaches

2. There are 5 cows in the barn. There are 7 cows in the field. How many cows are there?

_____ cows

3. Mike has 4 books. Kyle has 5 books. How many books do they have in all?

_____ books

Name _____

Skills Practice

Count Back 1, 2, or 3

Count back to subtract. Use 🎲 to help.

1. ⬚⬚⬚ ⬚⬚

5, _____, _____

5 − 2 = _____
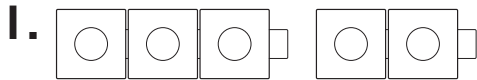
2. ⬚⬚⬚⬚⬚⬚⬚⬚⬚ ⬚⬚⬚

7, _____, _____, _____

7 − 3 = _____

3. 4 − 3 = _____   **4.** 5 − 1 = _____

5. 9 − 2 = _____   **6.** 10 − 3 = _____

Write the number sentence. Count back to solve. Use 🎲 .

7. There are 12 cars on the bridge.
3 drive away. How many cars are left?

____ ◯ ____ ◯ ____ cars

8. 7 apples are in the tree. 3 fall off.
How many apples are in the tree now?

____ ◯ ____ ◯ ____ apples
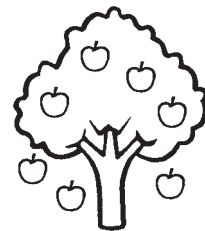
Name _____

Skills Practice

Problem-Solving Strategy: Write a Number Sentence

Write a number sentence to solve.

1. 12 girls play kickball.
4 of them go home.
How many are still playing kickball?

____ ◯ ____ ◯ ____ girls

---

2. There are 10 computers in the classroom.
2 are not working.
How many computers are still working?

____ ◯ ____ ◯ ____ computers

---

3. 12 people are at the cook out.
6 of them eat hot dogs.
How many of them do not eat hot dogs?

____ ◯ ____ ◯ ____ people

---

4. There are 8 penguins at the zoo.
4 of them are sent to another zoo.
How many penguins are left?
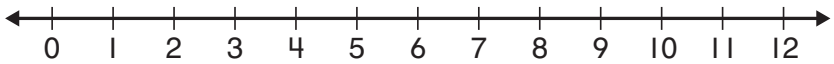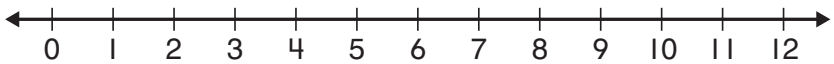
____ ◯ ____ ◯ ____ penguins

Name _____
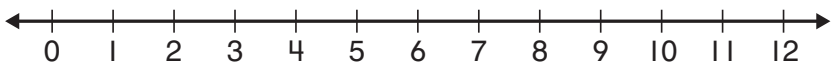
Skills Practice

Use a Number Line to Subtract

Use the number line to subtract.

1. $7 - 3 =$ ___4___

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

2. $6 - 1 =$ _____

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

3. $12 - 2 =$ _____

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

4. $5 - 3 =$ _____

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

Solve. Use the number line to help.

5. 8 cars start in the race.
2 cars cannot finish.
How many cars finish the race?

0 1 2 3 4 5 6 7 8 9 10 11 12
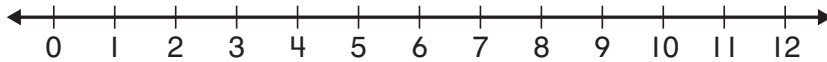
____ − ____ = ____ cars

6. Jess and her mom go to the post office.
They buy 10 stamps. Jess puts a stamp on
three letters. How many stamps are left?
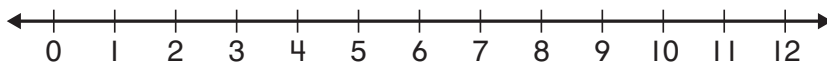
0 1 2 3 4 5 6 7 8 9 10 11 12

____ − ____ = ____ stamps

Name _____

Skills Practice

Problem-Solving Investigation: Choose a Strategy

**Choose a strategy.
Solve.**

Problem Solving Strategies
• Draw a picture
• Write a number sentence
• Guess and check

I. The baseball team has 6 bats.
2 of the bats are lost.
How many bats are left?

_____ bats

2. Bob catches 9 fish.
Sam catches 6.
How many more does Bob catch?

_____ fish

3. The art teacher has 15 brushes.
She breaks 2.
How many brushes does she have now?

_____ paintbrushes

4. 12 players are on the basketball team.
5 of them are playing.
How many are not playing?

_____ players

6-5

Skills Practice

Use Doubles to Subtract

Add the doubles. Then subtract.

1.
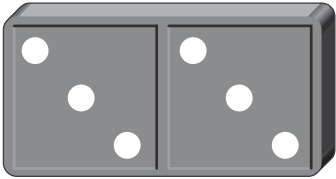
$3 + 3 = \underline{6}$
$6 - 3 = \underline{3}$
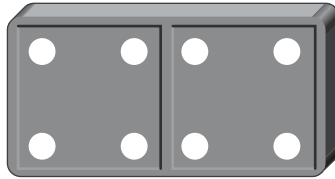
$4 + 4 = \underline{}$
$8 - 4 = \underline{}$
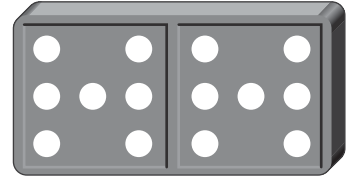
$7 + 7 = \underline{}$
$14 - 7 = \underline{}$

2.
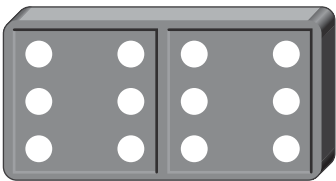
$6 + 6 = \underline{}$
$12 - 6 = \underline{}$

$1 + 1 = \underline{}$
$2 - 1 = \underline{}$

$5 + 5 = \underline{}$
$10 - 5 = \underline{}$

3. $8 + 8 = \underline{}$

$16 - 8 = \underline{}$

$2 + 2 = \underline{}$

$4 - 2 = \underline{}$

$9 + 9 = \underline{}$
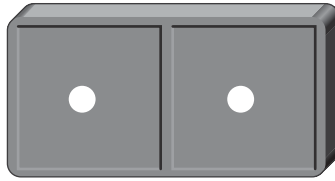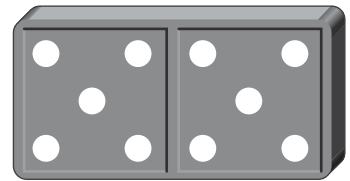
$18 - 9 = \underline{}$

Write a number sentence. Use doubles to solve.

4. Ken has 8 puppets. He and his friends use 4 of them for a puppet show. How many puppets are left?

____ ◯ ____ ◯ ____ puppets

5. Justin reads 10 pages from his book. He reads 5 pages in the morning. He reads the rest at night. How many pages does he read at night?

____ ◯ ____ ◯ ____ pages

Name _____

Skills Practice

Relate Addition to Subtraction

Use the related fact to write the related subtraction sentences.

1. $7 + 3 = \underline{10}$

$\underline{10} \ominus \underline{3} = \underline{7}$

$\underline{10} \ominus \underline{7} = \underline{3}$

2. $2 + 6 = \underline{\quad}$

$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$

$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$

3. $9 + 2 = \underline{\quad}$

$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$

$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$

4. $3 + 9 = \underline{\quad}$

$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$

$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$

5. $6 + 5 = \underline{\quad}$

$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$

$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$

6. $5 + 4 = \underline{\quad}$

$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$

$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$

Solve. Write the related addition fact.

7. This month, we picked 10 flowers. Last month, we picked 3. How many more flowers did we pick this month?

$10 - 7 = \underline{\quad}$ flowers

$\underline{\quad} + \underline{\quad} = 10$

8. Mrs. Jones' class has 8 goldfish. Mr. Kim's class has 4 goldfish. How many more goldfish does Mrs. Jones' class have?

$8 - 4 = \underline{\quad}$ goldfish

$\underline{\quad} + \underline{\quad} = 8$

Name _____

Skills Practice
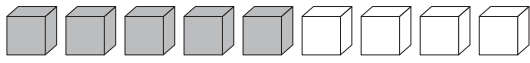
Fact Families

$5 + 4 = \underline{9}$
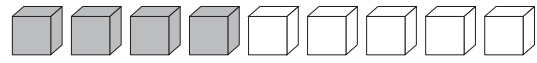
$4 + 5 = \underline{9}$
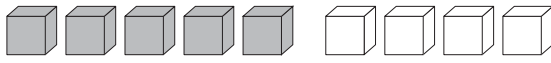
$9 - 4 = \underline{5}$
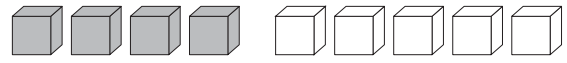
$9 - 5 = \underline{4}$

Write the numbers in the fact families.

1. $8 + 3 = \underline{\hphantom{00}}$ $3 + 8 = \underline{\hphantom{00}}$
$11 - 8 = \underline{\hphantom{00}}$ $11 - 3 = \underline{\hphantom{00}}$

2. $6 + 5 = \underline{\hphantom{00}}$ $5 + 6 = \underline{\hphantom{00}}$
$11 - 6 = \underline{\hphantom{00}}$ $11 - 5 = \underline{\hphantom{00}}$

3. $7 + 5 = \underline{\hphantom{00}}$ $5 + 7 = \underline{\hphantom{00}}$
$12 - 7 = \underline{\hphantom{00}}$ $12 - 5 = \underline{\hphantom{00}}$

4. $4 + 5 = \underline{\hphantom{00}}$ $5 + 4 = \underline{\hphantom{00}}$
$9 - 4 = \underline{\hphantom{00}}$ $9 - 5 = \underline{\hphantom{00}}$

Solve.

5. Ben reads that the numbers 4, 7, and 11 make up a fact family. Help him write the number sentences.

____ ⃝ ____ = ____

____ ⃝ ____ = ____

____ ⃝ ____ = ____

____ ⃝ ____ = ____

7-1

Skills Practice

Ordering Events

Write the correct time of day.

1.

_____ _____ _____
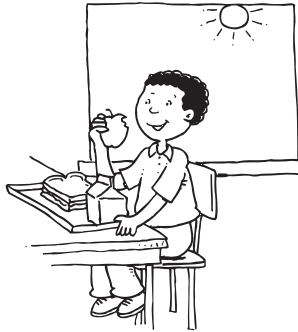
Draw what would come *before* and *after*.

2. Planting a seed.

before   after

_____

3. Raking the leaves.

before   after

_____

Write the correct time of day.

4. Tina gets ready for bed when it is _____ .

5. Connor comes home from school during the

_____ .

7-2

Skills Practice

Time to the Hour

Use 🕐 . Write the time.

1.
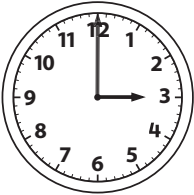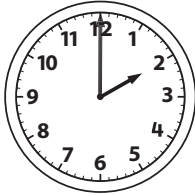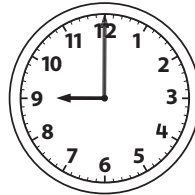
_____ o'clock	_____ o'clock	_____ o'clock

2.
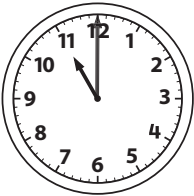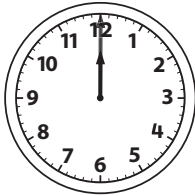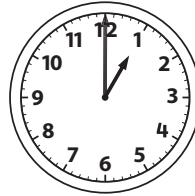
_____ o'clock	_____ o'clock	_____ o'clock

3.
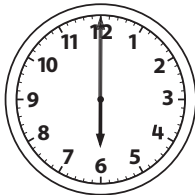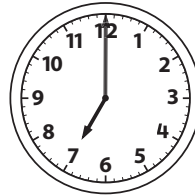
_____ o'clock	_____ o'clock	_____ o'clock

Use 🕐 to solve.
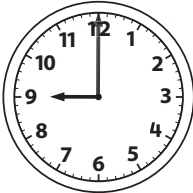
4. Mr. Roth's class starts at this time.
When does Mr. Roth's class start?
_____ o'clock
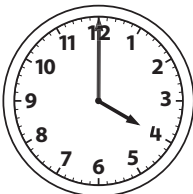
5. Chris has a soccer game at this time.
When does the soccer game start?
_____ o'clock

Name _____

Skills Practice

Time to the Half Hour

Use 🕐 **. Write the time.**

1.
half past _____

2.
half past _____

3.
half past _____

4.
half past _____

5.
half past _____
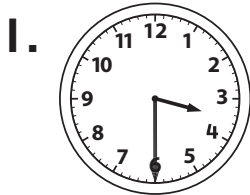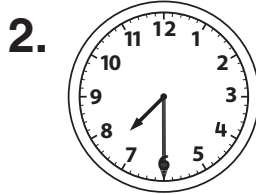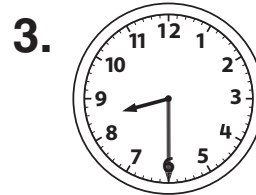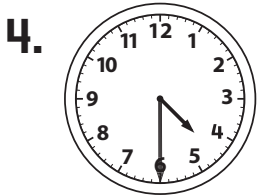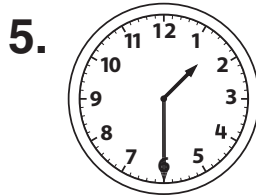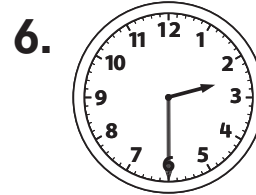
6.
half past _____

Look at the clock. Write the time.

7. Sami starts breakfast at 7 o'clock.
What time does she finish?
half past _____
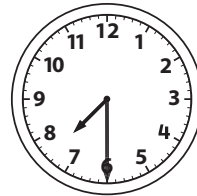
8. Sami starts lunch at 12 o'clock.
What time does she finish?
half past _____
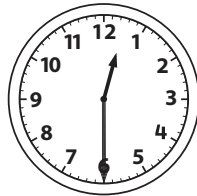
9. Sami starts dinner at half past 5.
What time does she finish?
half past _____

Name _____
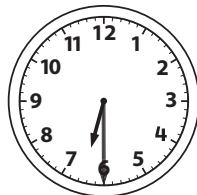
Skills Practice

Problem-Solving Strategy: Make a Table

Use the table to answer the questions.
Circle or write your answer.

Ms. Kahl's Class Schedule		
Subject	Time Subject Begins	Time Subject Ends
Reading	9:00	10:00
Writing	10:00	11:00
Art/Music	11:00	12:00
Lunch	12:00	12:30
Recess	12:30	1:00
Math	1:00	2:00
Science	2:00	2:30
Social Sciences	2:30	3:30

1. Sean has to visit the dentist. He will leave at the same time that science begins. What time will Sean leave school?

9:00   10:00   2:00   2:30

2. Lucy's favorite subject begins at 10:00. What is Lucy's favorite subject?

Math   Writing   Art/Music   Social Studies

3. What is the first subject taught after recess?

_____

4. _____ ends at 10:00.

Name _____

Skills Practice

Telling Time to the Hour and Half Hour

Draw the hands.

1. 3 : 30

2. 9 : 30

3. 6 : 00

4. 2 : 00

5. 5 : 30

6. 12 : 00
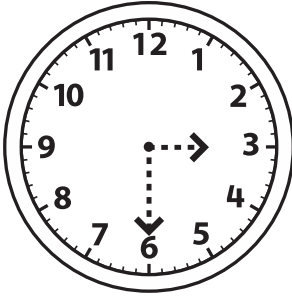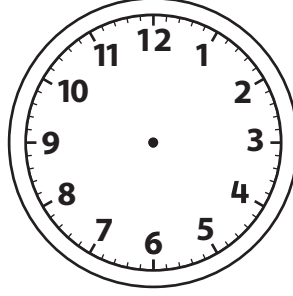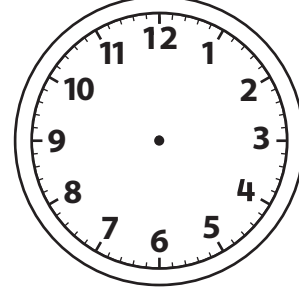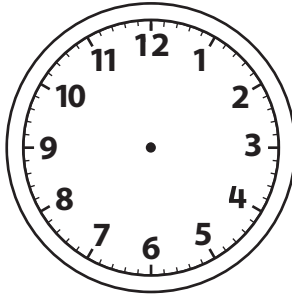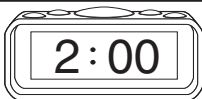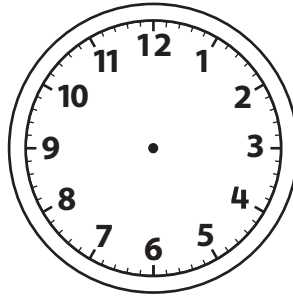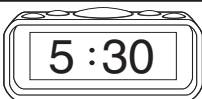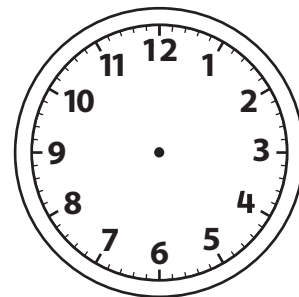
Solve. Use [clock] to help.
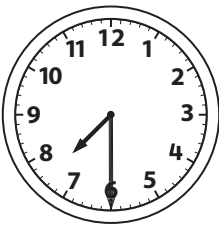
7. Brian starts with the time on the clock. He moves the minute hand 60 minutes. What time is it now?

_____
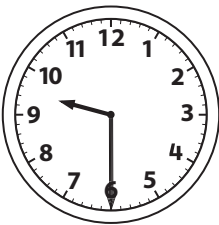
8. Dina starts with the time on the clock. She moves the minute hand 30 minutes. What time is it now?

_____

7-6

Skills Practice

Relate Time to Events

Circle the activity that takes a shorter amount of time.

1.
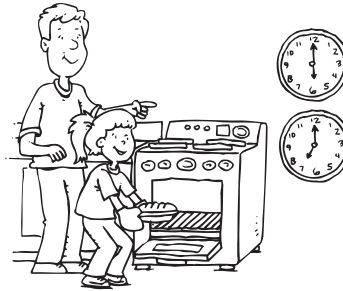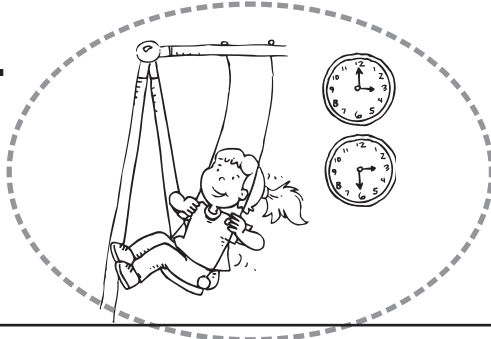
2.

Circle the activity that takes a longer amount of time.

3.

4.

Name _____

Skills Practice

Problem-Solving Investigation: Choose a Strategy

Choose a strategy. Solve.

Problem-Solving Strategies
• Make a table
• Use a model
• Draw a picture

1. Emilio spent 30 minutes cleaning his room. He started at 10:30. What time did he finish? _____

Show your work here.

2. Randy and Caleb ride horses for 2 hours. They finish their ride at 2:30. When did they start? _____

3. Cora studies for 1 hour. Then, she reads from 8:30 to 9:00. Does Cora spend more time studying or reading?

_____

4. Gwen and Dad go to the library at 12:00. Mom picks them up at 2:30. How long are they at the library? _____ hours and _____ minutes

Name _____

Skills Practice

Counting to 20

Write each number as 10 and some ones left over.

1. ⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚ ⬚   11 is _____ and _____ ones.

eleven

_____

2. ⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚ ⬚⬚⬚⬚   14 is _____ and _____ ones.

fourteen

_____

3. ⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚ ⬚⬚⬚⬚⬚⬚   16 is _____ and _____ ones.

sixteen

Answer the questions.

4. If you have 10 apples, how many more do you need to have 15? _____

5. If you have 2 carrots, how many more do you need to have 12? _____

6. If you have 10 bananas, how many more do you need to have 19? _____

8-2

Skills Practice

Counting by Tens

Count by tens. Write the number.

1.

_____ tens   _____
              fifty

2.

_____ tens   _____
              sixty

3.

_____ tens   _____
              seventy

Solve.

4. Rose counts pennies by tens. She has 8 sets of ten pennies. How many pennies does she have?

_____ pennies

5. Allison has ten peanuts. There are ten more peanuts left in a jar. How many peanuts are there in all?

_____ peanuts

8-3

Skills Practice

Problem-Solving Strategy: Look for a Pattern

Look for a pattern to solve.

1. Pete goes for a walk. He walks to the store before he walks to school. He walks to the arcade before he walks to the store. Where did he walk first?

Show your work here.

_____

2. Ima dances. She hops before she jumps. She jumps before she skips. What does she do last?

_____

3. Wendy, Mark, and Stu make snowballs. Mark's ball is the largest. Stu's ball is not the smallest. Whose snowball is the smallest?

_____

8-4

Skills Practice

Hundred Chart

Use the hundred chart. Find each number below on the chart. Find 1 less. Find 1 more.

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

1. 25   1 less is _____.   1 more is _____.

2. 46   1 less is _____.   1 more is _____.

3. 90   1 less is _____.   1 more is _____.

Write the numbers in order.

4. There are 10 kids in Mary's class. There are 8 kids in Mark's class. There are 6 kids in David's class. Write the numbers in order. _____ _____ _____

8-5

Skills Practice

Estimating with Groups of Tens

Circle a group of 10. Estimate. Then count.

1.

Estimate _____

Count _____

2.

Estimate _____

Count _____

3.
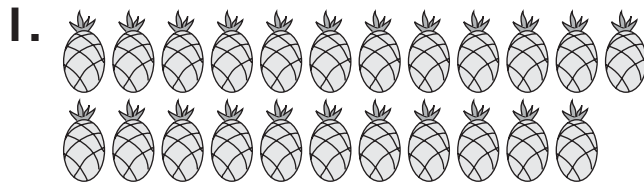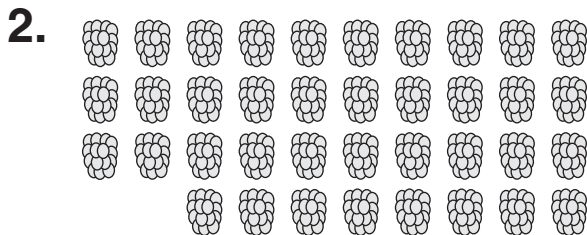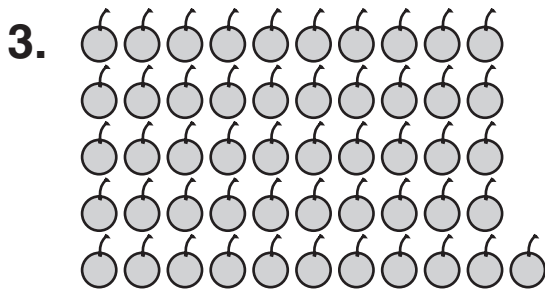
Estimate _____

Count _____

4. Jack has 12 pennies. Neil has 10 more. About how many pennies does Neil have? _____

5. Sue has 53 pencils. Ray has 10 less. About how many pencils does Ray have? _____

8-6

Skills Practice

Problem-Solving Investigation: Choose a Strategy

Choose a strategy. Solve.

Problem-Solving Strategies
• Write a number sentence
• Use a model
• Use logical reasoning

1. Rick counts by 2s. He says 8, 10, 12, 16, 18. Which number did he forget? _____

2. Amy has 8 groups of 10 cubes. She takes 4 groups away. How many cubes does she have now? _____ cubes

3. Matt has 5 boxes of toy cars. Each box has 10 cars. He gives away 9 toy cars. How many does he have now? _____ toy cars

4. Birds have 2 wings. There are 6 birds in a tree. How many total wings are there? _____ wings

8-7

Skills Practice

Skip Counting by 2s, 5s, and 10s
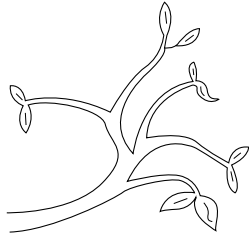
1. **Count the leaves.**

__2__, __4__, ____, ____, ____ leaves

2.

__5__, ____, ____, ____, ____, ____ leaves

3.
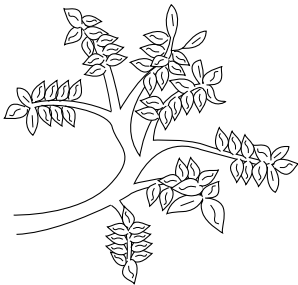
__10__, ____, ____, ____, ____,

____, ____ leaves

Solve.

4. Lucy has 4 apples.

Molly has 2 more apples than Lucy.

Sara has two more apples than Molly.

How many apples does Molly have? _____

How many apples does Sara have? _____

Name _____

Skills Practice

Skip Counting on a Hundred Chart

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

1. Count by 2s to 20. Color the boxes with those numbers red.

2. Count by 5s to 50. Circle those numbers.

3. Count by 10s. Put a box around those numbers.

Name _____

Skills Practice

Even and Odd

Look at the numbers. Circle *even* or *odd.*

1. 8

even   odd

2. 14

even   odd

3. 16

even   odd

4. 11

even   odd

5. 19

even   odd

6. 5

even   odd

7. 13

even   odd

8. 12

even   odd

Solve.

9. Owen counted by 5s: 5, 10, 15, 20, 25, 30.
He says they are all odd numbers. Is he right?

_____

10. Lauren counted by 2s: 2, 4, 6, 8, 10.
She says they are all even numbers. Is she right?

_____

9-1

Skills Practice

Compare and Order Length

Compare.

1.
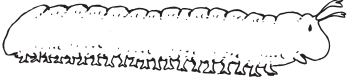
The caterpillar is _____ than the quarter.

shorter   longer

2.

The fork is _____ than the knife.

shorter   longer

3.

The salt shaker is _____ than the spoon.

shorter   longer

Solve.

4. What words could you use to compare these objects?

_____

_____

9-2
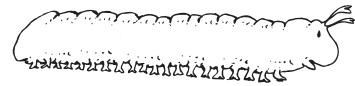
Skills Practice

Nonstandard Units of Length

Estimate how many ▢ long.

Then use ▢ to measure.
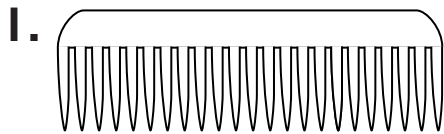
1. ⬜(comb image)

Estimate: about _____ ▢ long

Measure: about _____ ▢ long

2. ⬜(comb image)

Estimate: about _____ ▢ long

Measure: about _____ ▢ long

3. ⬜(comb image)
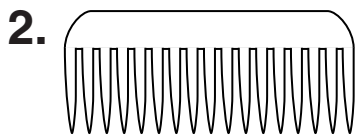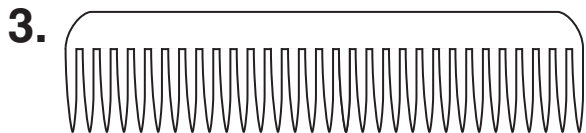
Estimate:
about _____ ▢ long

Measure:
about _____ ▢ long

Solve.

4. Which problem had the longest comb? _____

5. Which problem had the shortest comb? _____

Name _____

Skills Practice

Problem-Solving Strategy: Guess and Check

About how many **long is each item?**
Guess. Then measure.
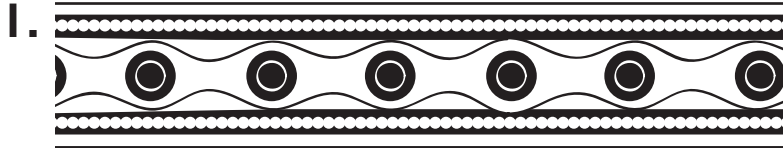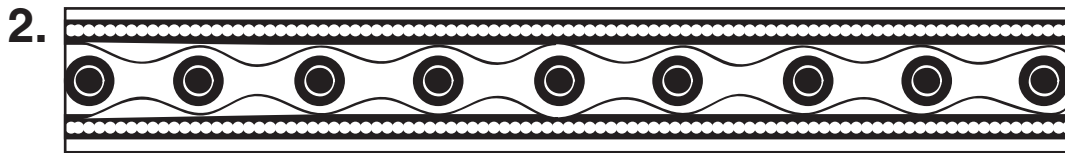
1.

Guess: about _____ paper clips

Measure: about _____ paper clips

2.

Guess: about _____ paper clips

Measure: about _____ paper clips

3.

Guess: about _____ paper clips

Measure: about _____ paper clips

Name _____
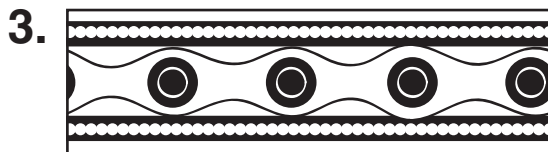
Skills Practice

Compare and Order Weight

Compare. Circle the object.

1. Which is heavier?

2. Which is lighter?

3. Which is lightest?

4. Which is heaviest?

Name _____

Skills Practice

Compare and Order Capacity

Circle the object that holds the most.

1.
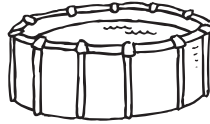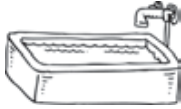
2.

Circle the object that holds the least.

3.

Solve.

5. Laurel has a small purse. Clay has a large backpack. Which holds more?

_____
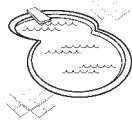
6. Kay's mother has a car with no backseat. Tim's mother has a van. Which one can hold more? _____

Name _____

Skills Practice

Compare and Order Temperature

Order the objects. Write 1 for cold, 2 for colder, and 3 for coldest.

1.

_____	¦	_____

Order the objects. Write 1 for hot, 2 for hotter, and 3 for hottest.

2.

_____	_____	_____

Look at the object. Circle your answer.
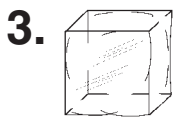
3.

hot   cold

4.

hot   cold

Name _____

Skills Practice

Problem-Solving Investigation: Choose a Strategy

**Choose a strategy.
Solve.**

Problem-Solving Strategies
• Guess and check
• Use a model
• Make a table

1. Les has a box of mints. Each box has 10 mints. Cal, Bessie, and Ray each have a box. How many mints in all?

_____ mints

Show your work here.

2. Amy lines up some beans. 10 beans are as long as a pencil. She adds 20 more beans. How long is the line now?

_____ pencils

3. Mel, Chris, and Shen have bikes. Mel's bike is 12 pounds. Chris's bike is 14 pounds. Shen's is 11 pounds. Who has the lightest bike?

_____ has the lightest bike.

Name _____

Skills Practice

Compare Area

Circle the shape that would cover more area.

1.

2.

Draw an X on the shape that would cover less area.

3.
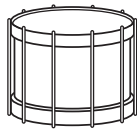
4.
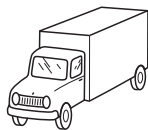
Read the question. Circle your answer.
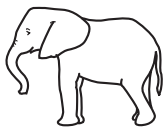
5. The _____ covers _____ area than the _____ .

   more   less

Name _____
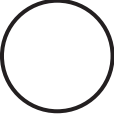
Skills Practice

Order Area

Order the shapes from covers the most to covers the least area. Write 1, 2, or 3.

1.

○	◯	○
2	1	3

2.

▭	▭	▭
___	___	___

Order the shapes from covers the least to covers the most area. Write 1, 2, or 3.

3.

△	△	△
___	___	___

4.

☐	☐	☐
___	___	___

10-1

Skills Practice

Doubles

Draw marbles to show the doubles.
Write the addends and the sums.

1.
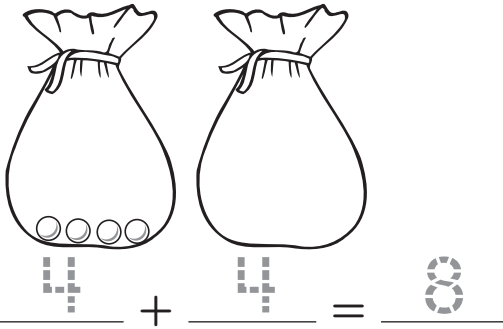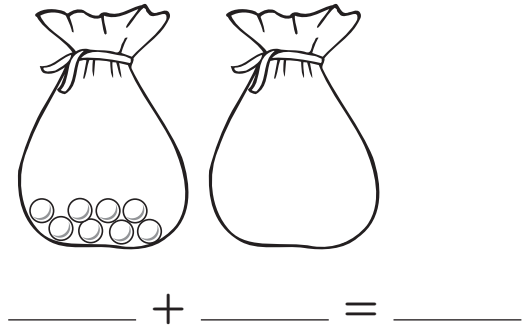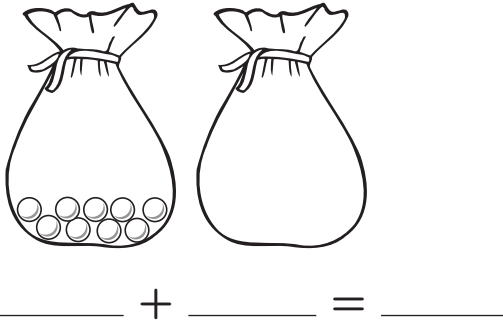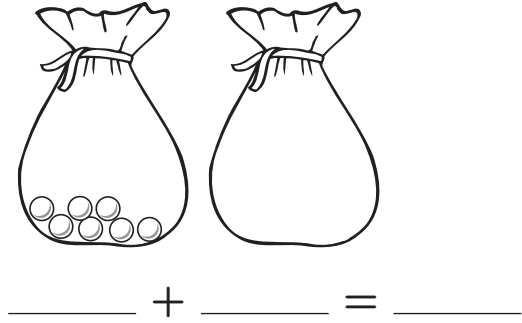
____4____ + ____4____ = ____8____

2.

_____ + _____ = _____

3.

_____ + _____ = _____

4.

_____ + _____ = _____

Add.

5. $\begin{array}{r} 6 \\ +\ 6 \\ \hline \end{array}$ **6.** $\begin{array}{r} 5 \\ +\ 5 \\ \hline \end{array}$ **7.** $\begin{array}{r} 8 \\ +\ 8 \\ \hline \end{array}$ **8.** $\begin{array}{r} 3 \\ +\ 3 \\ \hline \end{array}$ **9.** $\begin{array}{r} 2 \\ +\ 2 \\ \hline \end{array}$

Solve. Show your work.

10. Bill has 9 marbles. Wally has same number. How many marbles do they have in all?

____ + ____ = ____ marbles

10-2

Skills Practice

Doubles Plus 1

Use ▢ to find the sums. Circle the doubles facts.

1. $(2 + 2) =$ _**4**_ $5 + 5 =$ _____ $2 + 3 =$ _____

2. $5 + 4 =$ _____ $4 + 4 =$ _____ $3 + 3 =$ _____

3. $6 + 7 =$ _____ $7 + 7 =$ _____ $6 + 6 =$ _____

4. $4 + 5 =$ _____ $7 + 6 =$ _____ $3 + 2 =$ _____

5.
$$\begin{array}{ccc} 8 & 8 & 7 \\ +8 & +7 & +8 \\ \hline \end{array}$$

6.
$$\begin{array}{ccc} 9 & 9 & 8 \\ +9 & +8 & +9 \\ \hline \end{array}$$

Solve. Show your work.

Write a doubles plus 1 fact to solve. What doubles fact can help you?
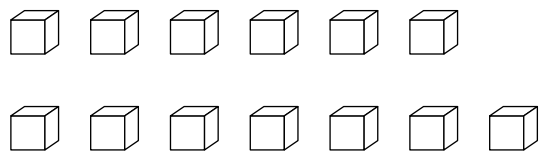
7. Ann has 6 rubber bands. Geri has 7. How many rubber bands do they have in all?

$6 + 7 =$ _____ rubber bands

_____ + _____ $= 12$

10-3

Skills Practice

Make 10 to Add

Use WorkMat 1 and ⬤ ◯. Then add.
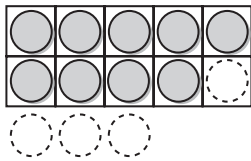
> $9 + 4$ is the same as $9 + 1 + 3$.
> $9 + 4$ is the same as $10 + 3$.
> $9 + 4$ equals 13.

1. $9 + 4 =$ _____

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

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

8. $\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$ **9.** $\begin{array}{r} 9 \\ + 6 \\ \hline \end{array}$ **10.** $\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$ **11.** $\begin{array}{r} 9 \\ + 5 \\ \hline \end{array}$ **12.** $\begin{array}{r} 7 \\ + 6 \\ \hline \end{array}$

Solve. Use WorkMat 1 and ⬤ ◯.

13. $9 + 8$ is the same as $10 +$ _____.

14. $7 + 7$ is the same as $10 +$ _____.

15. $8 + 5$ is the same as $10 +$ _____.

16. $9 + 9$ is the same as $10 +$ _____.

Name _____

Skills Practice

Problem-Solving Strategy: Draw a Picture

Draw a picture to solve.

1. 13 moths land on the light. Then 8 fly away. How many moths are left?

Draw your picture here.

_____ moths

2. 6 butterflies are in the garden. 5 more butterflies join them. How many butterflies are there now?

_____ butterflies

3. 15 crickets chirp at night. 8 crickets stop chirping. How many crickets keep chirping?

_____ crickets

10-5

Skills Practice

Use Doubles to Subtract

Add or subtract. Then draw a line to match the related facts.

1. $4 + 4 =$ __8__

2. $7 + 7 =$ _____

3. $2 + 2 =$ _____

4. $1 + 1 =$ _____

5. $5 + 5 =$ _____

6. $9 + 9 =$ _____

7. $3 + 3 =$ _____

8. $8 + 8 =$ _____

9. $6 + 6 =$ _____

$2 - 1 =$ _____

$14 - 7 =$ _____

$8 - 4 =$ _____

$4 - 2 =$ _____

$6 - 3 =$ _____

$16 - 8 =$ _____

$12 - 6 =$ _____

$10 - 5 =$ _____

$18 - 9 =$ _____

Skills Practice

Relate Addition and Subtraction

Add. Then write the related subtraction facts.

1. $9 + 6 = \underline{15}$

$15 \ominus 9 \oplus 6$ _____

$15 \ominus 6 \oplus 9$ _____

2. $4 + 8 = \underline{\hspace{1cm}}$

____ ◯ ____ ◯ ____

____ ◯ ____ ◯ ____

3. $7 + 9 = \underline{\hspace{1cm}}$

____ ◯ ____ ◯ ____

____ ◯ ____ ◯ ____

4. $8 + 5 = \underline{\hspace{1cm}}$

____ ◯ ____ ◯ ____

____ ◯ ____ ◯ ____

5. $8 + 3 = \underline{\hspace{1cm}}$

____ ◯ ____ ◯ ____

____ ◯ ____ ◯ ____

6. $9 + 5 = \underline{\hspace{1cm}}$

____ ◯ ____ ◯ ____

____ ◯ ____ ◯ ____

7. $9 + 4 = \underline{\hspace{1cm}}$

____ ◯ ____ ◯ ____

____ ◯ ____ ◯ ____

8. $8 + 6 = \underline{\hspace{1cm}}$

____ ◯ ____ ◯ ____

____ ◯ ____ ◯ ____

Name _____

Skills Practice

Problem-Solving Investigation: Choose a Strategy

Choose a strategy. Solve.

Problem-Solving Strategies
• Choose the operation
• Draw a picture
• Write a number sentence

Show your work here.

1. 13 students are on the basketball team. 4 fewer students are on the volleyball team. How many students are on the volleyball team?

_____ students

2. Stef has 8 pencils. Rich has 4 pencils. Todd has 2 pencils. How many total pencils do they have? _____ pencils

3. 20 students signed up for the Clean Up program. 6 students cleaned from 8:00 to 10:00. 4 students cleaned from 10:00 to 12:00. How many students cleaned?

_____ students

Name _____

Skills Practice

Fact Families

Add and subtract.
Complete each fact family.

A fact family uses
the same 3 numbers.

1. 15
6   9

$6 + 9 = \underline{15}$

$9 + 6 = \underline{}$

$15 - 6 = \underline{9}$

$15 - 9 = \underline{}$

2. 12
5   7

$7 + 5 = \underline{}$

$5 + 7 = \underline{}$

$12 - 5 = \underline{}$

$12 - 7 = \underline{}$

3. 14
5   9

$9 + 5 = \underline{}$

$5 + 9 = \underline{}$

$14 - 5 = \underline{}$

$14 - 9 = \underline{}$

4. 11
4   7

$7 + 4 = \underline{}$

$4 + 7 = \underline{}$

$11 - 4 = \underline{}$

$11 - 7 = \underline{}$

5. 13
6   7

$6 + 7 = \underline{}$

$7 + 6 = \underline{}$

$13 - 7 = \underline{}$

$13 - 6 = \underline{}$

6. 10
2   8

$8 + 2 = \underline{}$

$2 + 8 = \underline{}$

$10 - 2 = \underline{}$

$10 - 8 = \underline{}$

10-9
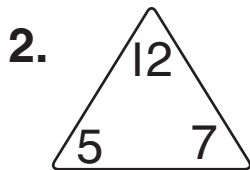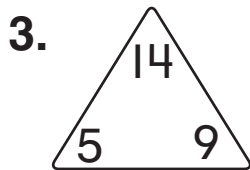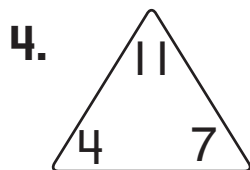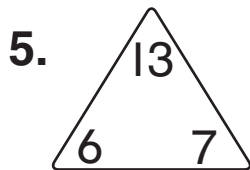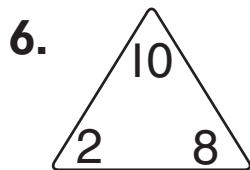
Skills Practice

Ways to Name Numbers

Circle the ways to make that number.

1.
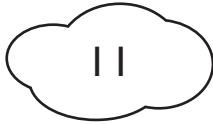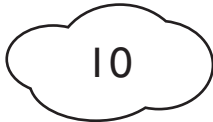
(11)

(9 + 2)   (7 + 4)

10 − 1   (6 + 5)

2.

(5)

4 + 2   7 − 2

10 − 5   9 − 4

3.

(10)

7 + 3   12 − 3

4 + 6   1 + 9

4.

(7)

10 − 2   9 − 2

2 + 5   0 + 7

5.

(9)

16 − 7   15 − 6

13 − 4   15 − 8

6.

(8)

13 − 4   15 − 7

16 − 8   14 − 6

7.

(12)

4 + 8   9 + 3

7 + 5   4 + 7

8.

(6)

12 − 6   11 − 5

10 − 5   13 − 7

Name _____
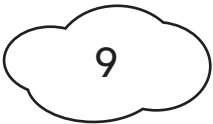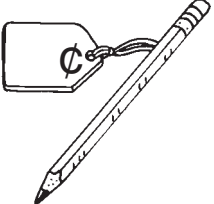
Skills Practice

Pennies and Nickels

**You can use 🪙 and 🪙. Count the coins.
Write the total on the tag.**

1. 🪙 🪙 🪙 🪙 🪙

_____¢, _____¢, _____¢, _____¢, _____¢

2. 🪙 🪙 🪙 🪙 🪙

_____¢, _____¢, _____¢, _____¢, _____¢

3. 🪙 🪙 🪙 🪙 🪙

_____¢, _____¢, _____¢, _____¢, _____¢

Solve.

4. Mike buys a toy boat.
He spends 3 nickels and 4 pennies.
How much does the boat cost? _____¢

5. Mrs. Díaz buys a clock.
She spends 4 nickels and 5 pennies.
How much does the clock cost? _____¢

11-2

Skills Practice

Pennies and Dimes

Trade pennies for as many dimes as you can. Draw dimes and pennies. Use and to help.

	Pennies You Start With	Trade for Dimes	Leftover Pennies	Total Amount
1.	36			36¢
2.	44			_____¢
3.	51			_____¢

Solve.

4. Tina has 40 pennies.

The machine only takes dimes.

What trade should she make? _____

Name _____

Skills Practice

Pennies, Nickels, and Dimes

Draw the coins you have. Count them.

	Coins You Have	Draw Your Coins	How Much Money Do You Have?
1.	1 dime 3 nickels 1 penny	10¢ 5¢ 5¢ 5¢ 1¢	26 ¢
2.	2 dimes 3 nickels	(dime) (dime)	_____ ¢
3.	3 dimes 1 nickel 1 penny	(dime) (dime) (dime)	_____ ¢
4.	1 dime 4 nickels	(dime)	_____ ¢

Solve.

5. Sara has 5 nickels.
Emily has 3 dimes.
Who has more money? _____

Name _____

Skills Practice

Counting Money

Circle how much money you need. Use coins.

1. 29¢

2. 60¢
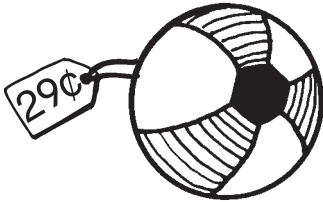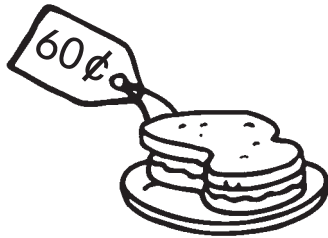
3. 33¢
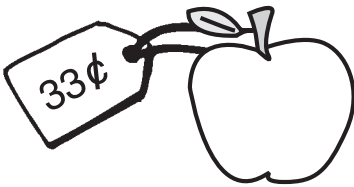
Solve. Use coins to help.

4. Marc has 5 coins in his pocket. They add up to 36¢.
How many dimes, nickels, and pennies does he have?

_____ dimes _____ nickels _____ pennies

Name _____

Skills Practice

Problem-Solving Strategy: Act It Out

Use coins to act out the problem. Solve.

1. Evan buys a 🪀 for 17¢.

He buys a ⚽ for 10¢.
How much money does Evan
spend altogether?

Evan spends __27__ ¢.

2. Jane buys a 🖌 for 15¢.

She buys a ♡ for 20¢.
How much money does Jane
spend in all?

Jane spends _____ ¢.

3. Frank buys a toy car for 32¢.
Then he buys a ball for 20¢.
How much money does
Frank spend?

Frank spends _____ ¢.

4. Leon buys a 🍌
for 24¢. Which coins did
he use? Draw them.

11-6

Skills Practice

Equal Amounts

Use coins. Show each amount a different way.

1. Show 25¢.

(10¢)(5¢)(5¢)(5¢)
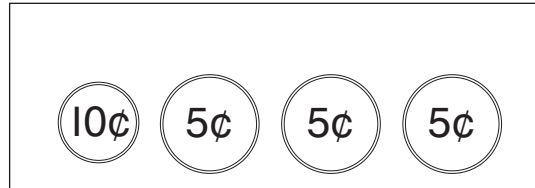
2. Show 40¢.

3. Show 24¢.

4. Show 17¢.

Solve.

5. Jason has two dimes and a nickel.
Luisa has one dime, a nickel, and five pennies.
Do they have the same amount? _____

11-7

Skills Practice

Quarters

Count the coins. Write the price.

1. _____ **53** ¢

2. _____ ¢

3. _____ ¢

4. _____ ¢

Solve.

5. Tani has 2 quarters, 1 dime, and 2 pennies. He says he has 67¢. Is he right? _____

6. Ms. Cruz needs a new pen. It costs 80¢.

She has _____ .

Does she have enough? _____

What coin does she need to buy the pen?

_____

Chapter Resources

Name _____

Skills Practice

Problem-Solving Investigation: Choose a Strategy

**Choose a strategy.
Solve.**

| **Problem-Solving Strategies** |
| • Act it out |
| • Use a model |
| • Guess and check |

1. Roy has 9 dimes. He spends 60¢.
How many dimes does he have left? _____ dimes

2. Lisa has 14 pennies.
She finds 25 pennies in the yard.
She finds 8 pennies at school.
How much money does she have? _____ ¢

3. Emil has 95¢. He gives 3 coins to his mom.
Now he has 20¢. What 3 coins did he give?

_____

Shelly goes to the store. She wants to buy a
present. She has 3 quarters.

4. How much money does Shelly have? _____ ¢

5. Can Shelly buy the horse? _____

Name _____

Skills Practice

Money Amounts

Count the coins. Write the amount.

1. 59¢

You have **62** ¢.

Can you buy the object? **yes**

2. 75¢

You have _____ ¢.

Can you buy the object? _____

3. 42¢

You have _____ ¢.

Can you buy the object? _____

Solve.

4. Matt has 2 quarters, 1 dime, 3 nickels, and 2 pennies.
Mittens cost 75¢.
Does he have enough to buy the mittens? _____

12-1

Skills Practice

Three-Dimensional Figures

Color the figures.

cube	sphere	cone	pyramid	cylinder	rectangular prism
red	blue	yellow	green	purple	orange
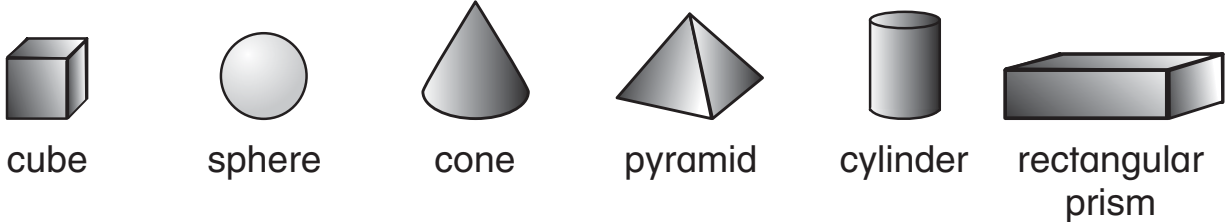
Solve.

Sort the objects into two groups. Circle each object in one group. Underline each object in the other group.

Tennis Balls

SODA

food

12-2

Skills Practice

Faces and Corners

Use three-dimensional figures to help. Write how many.

1.

_____ corners

_____ faces

2.

Crackers

_____ corners
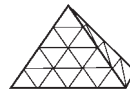
_____ faces

3.

_____ corners

_____ faces

4.

_____ corners

_____ faces

5.

_____ corners

_____ faces

6.

_____ corner

_____ face

Draw a picture to solve.

7. Jeff made a figure with 6 faces. The figure has 8 corners. All of the faces are the same size and shape. What figure did Jeff make?

_____

12-3

Skills Practice

Problem-Solving Strategy: Look for a Pattern

Look for a pattern to solve. Draw your answers.

1. Marcy draws a pattern with shapes. Which shape is missing?

☆ ☐ △ ☆ ☐ ___

Show your work here.

2. Nicole makes a pattern with her blocks. Which shape is missing?

☐ △ ☐ ■ △ ___

3. Toby draws a pattern with shapes. Which shape is missing?

☆ △ ⬡ ___ △ ⬡

12-4

Skills Practice
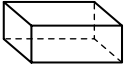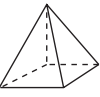
Two- and Three-Dimensional Figures

Use blocks or objects in your classroom.

Trace all the flat faces you can.

Write how many two-dimensional figures you traced.

Write how many flat faces.

FIGURE	square	circle	triangle	rectangle	flat faces
1.	6	0	0	0	6
2.					
3.					
4.					
5.					

Color two-dimensional objects red.

Color three-dimensional objects blue.

12-5
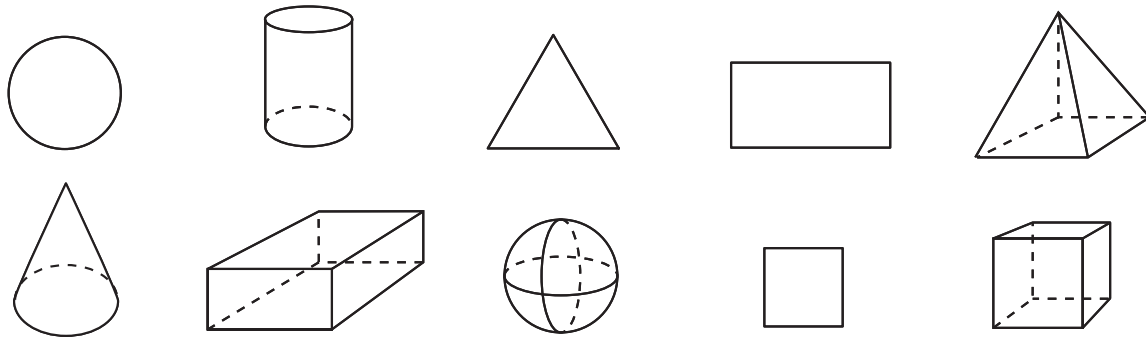
Skills Practice

Two-Dimensional Figures

1. Draw a robot. Use at least one ☐, one ◯, one △, and one ☐.

2. Color all ☐ orange.

3. Color all ◯ blue.

4. Color all △ red.

5. Color all ☐ brown.

Solve.

6. Jay is drawing the faces of a cube. Will he draw more than one kind of shape? Explain. _____

_____

12-6

Skills Practice

Problem-Solving Investigation: Choose a Strategy

Choose a strategy. Solve.

Problem-Solving Strategies
• Find a pattern
• Use logical reasoning
• Draw a picture

1. Sofia looks at a postcard. The postcard has 4 corners. Its sides are not the same length. She says her postcard is a rectangle. Is she right?

_____

Show your work here.
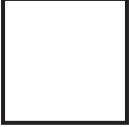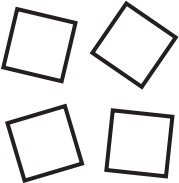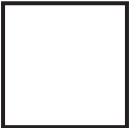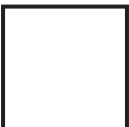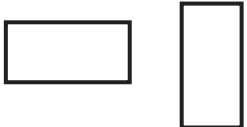
2. Dave draws patterns. He draws a cube, a square, a rectangle, a cube, and a square. What will the 8th shape be?

_____

3. Earl camps. His tent has 4 faces that are triangles. He says the floor of his tent is a circle. Is he right?

_____

12-7

Skills Practice

Make New Figures

Use pattern blocks to make a new figure.
Draw the new figure.

Pattern Block	Use	Draw Your Figure
1.		
2.		
3.		

Name _____

Skills Practice

Position

Position words tell where objects are.
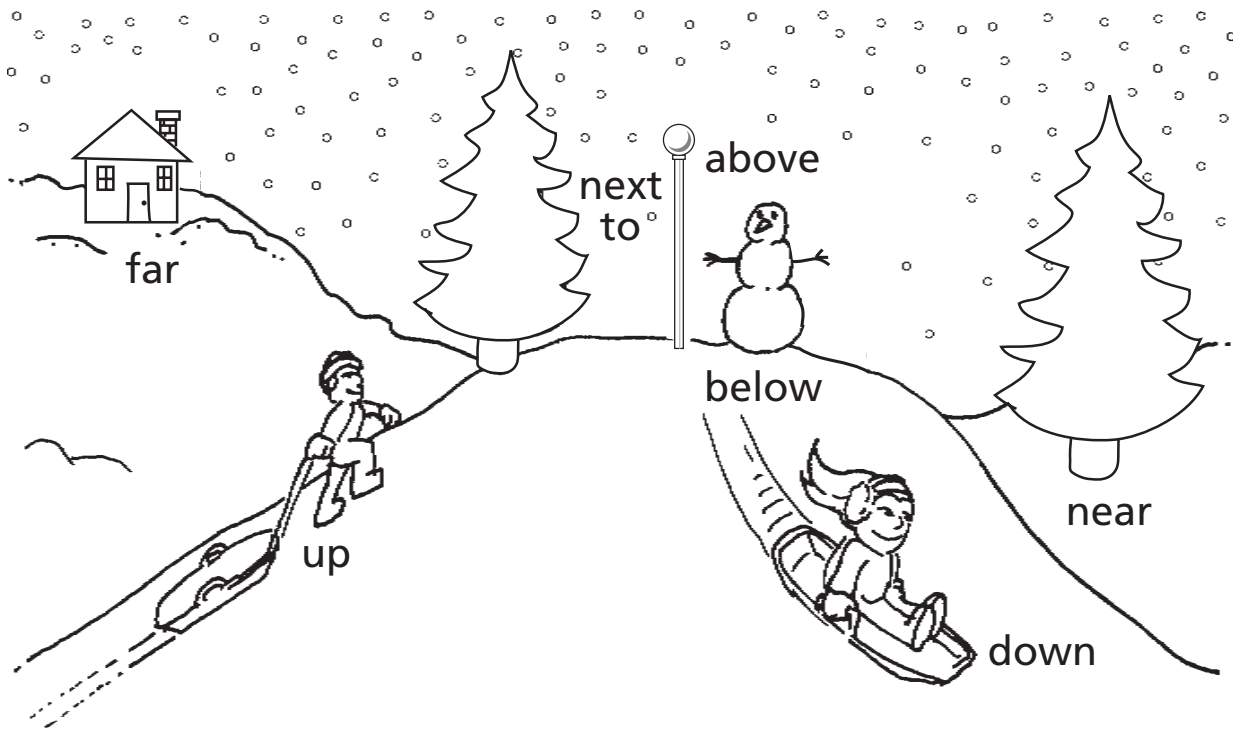
Draw here or on another sheet of paper.

1. going up

2. going down

3. below

4. near

5. left of

6. right of

42

12-9
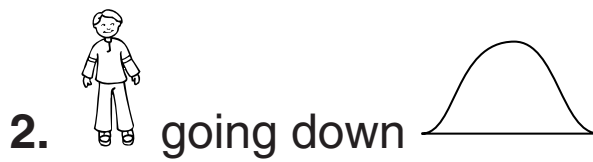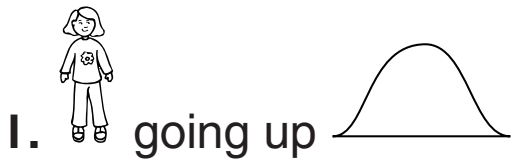
Skills Practice

Give and Follow Directions

Start at 0. Follow the directions. Draw the object.
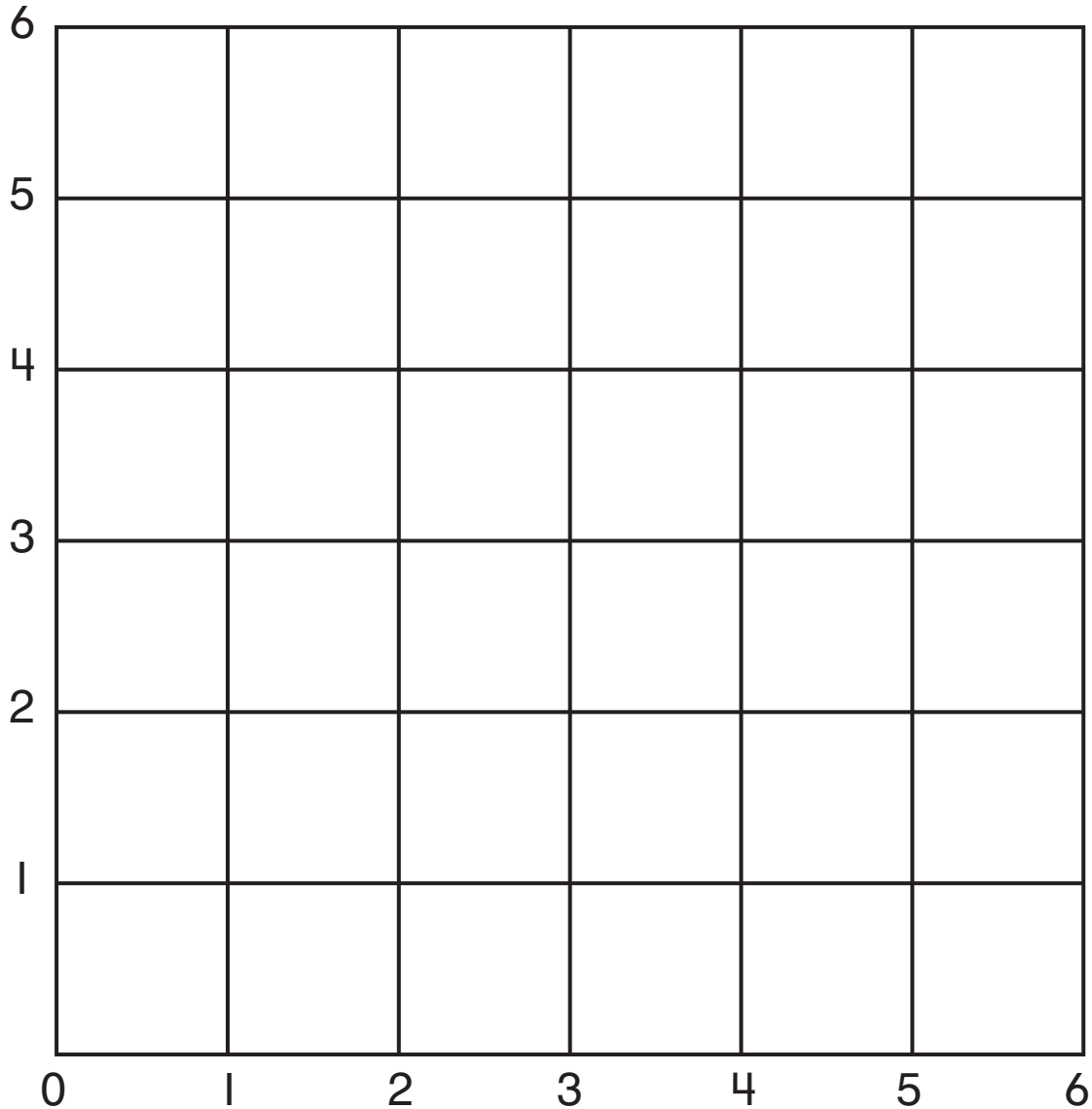
1. Go right 3, then up 1. Draw a 🏪 .

2. Go right 5, then up 4. Draw a 🚗 .

3. Go right 1, then up 3. Draw a 🐕 .

4. Go right 4, then up 5. Draw a 🏠 .

Name _____

Skills Practice

Tens

Count groups of ten. Write the number.

1.

_____ tens   _____
thirty

2.

_____ tens   _____
forty

3.
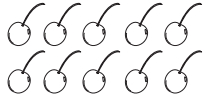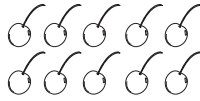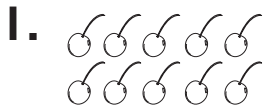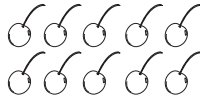
_____ tens   _____
sixty

Write your answers.

4. Gwen has 5 vases with 10 flowers in each vase.
How many groups of ten does she have? _____
How many flowers are there in all? _____ flowers

5. Mark, Juan, Carla, and Ben each have 10 marbles.
How many groups of ten are there? _____
How many marbles do they have in all? _____
Carla goes home and takes her marbles with her.
How many marbles are there now? _____ marbles

13-2

Skills Practice

Tens and Ones

Use ⬚. Make groups of tens and ones.
Write how many.

1. 26   twenty-six

_____ ones

_____ tens _____ ones

2. 31   thirty-one

_____ ones

_____ tens _____ one

3. 22   twenty-two

_____ ones

_____ tens _____ ones

4. 13   thirteen

_____ ones

_____ ten _____ ones

Write your answer.

5. How can you use tens and ones to show
that 23 is different than 32? _____

_____

6. Pat is thinking of a number.
It has 5 tens and 4 ones.
What is the number? _____

13-3

Skills Practice

Problem-Solving Strategy: Guess and Check

Use guess and check to solve.

1. Greg has 13 cents. He says he can give the same amount of money to 3 friends. Is he right? Show how you know.

_____

2. Sue Ellen is planning a trip. She wants to visit 8 places in 16 days. She wants to spend the same number of days at each place. How many days can she visit each place?

_____ days

3. Ron is at a parade. He sees 30 people in each band. He sees 3 bands. How many people does Ron see?

_____ people

4. Ms. White has 4 shelves. She has 9 plates on each shelf. How many total plates does Ms. White have?

_____ plates

13-4

Skills Practice

Numbers to 50

Write how many tens and ones.
Say and write the number.

1.

tens	ones

_____ tens _____ ones

_____ twenty-two

2.

tens	ones

_____ tens _____ ones

_____ fifty

3.

tens	ones

_____ tens _____ ones

_____ forty-six

4.

tens	ones

_____ tens _____ ones

_____ thirty-four

5.

tens	ones

_____ tens _____ ones

_____ seventeen

6.

tens	ones

_____ tens _____ ones

_____ sixty-nine

13-5

Skills Practice

Numbers to 100

Write the number two different ways.

1.
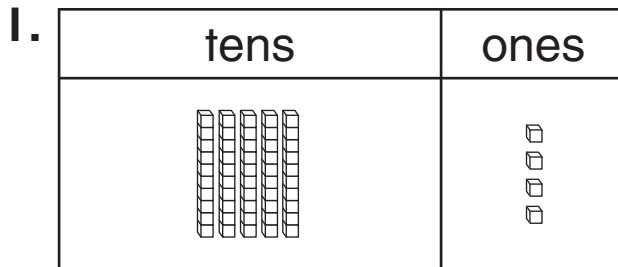
tens	ones

_____ tens _____ ones

_____ fifty-four
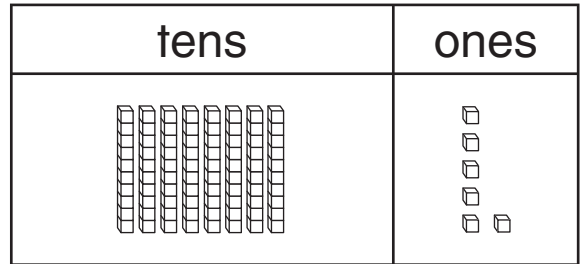
tens	ones

_____ tens _____ ones

_____ eighty-six

2.
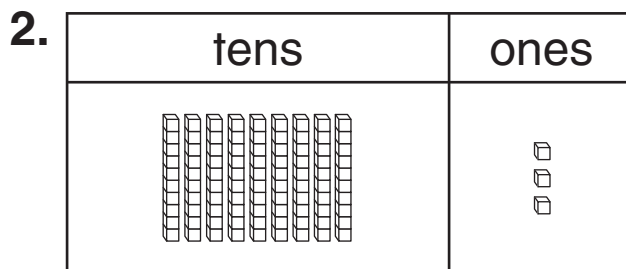
tens	ones

_____ tens _____ ones

_____ ninety-three
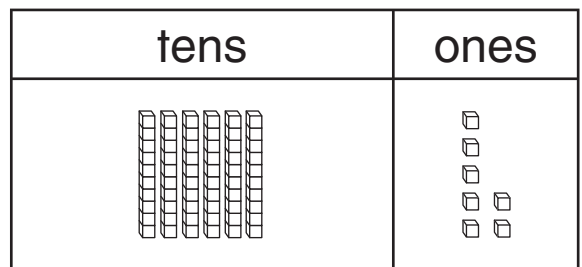
tens	ones

_____ tens _____ ones

_____ sixty-seven

3.
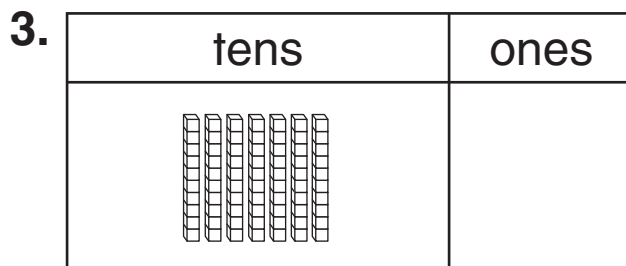
tens	ones

_____ tens _____ ones

_____ seventy
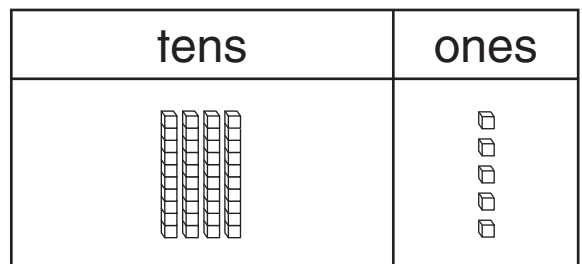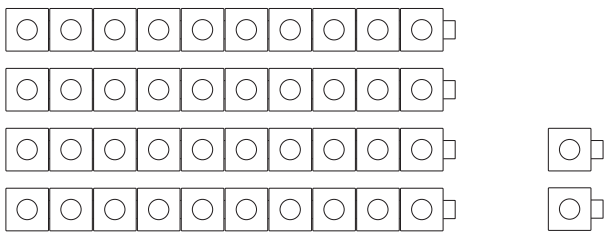
tens	ones

_____ tens _____ ones

_____ forty-five

13-6

Skills Practice
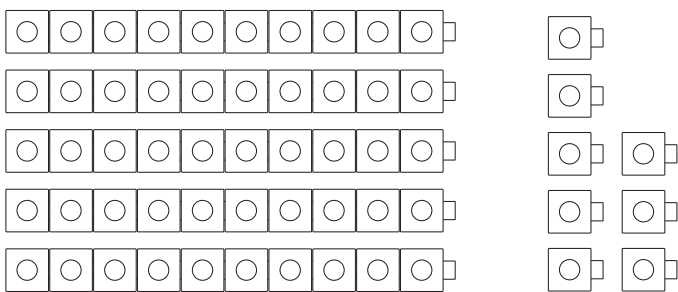
Estimate Numbers

Count groups of ten. Estimate. Then count.

1.

Estimate: _____

Count: _____

2.
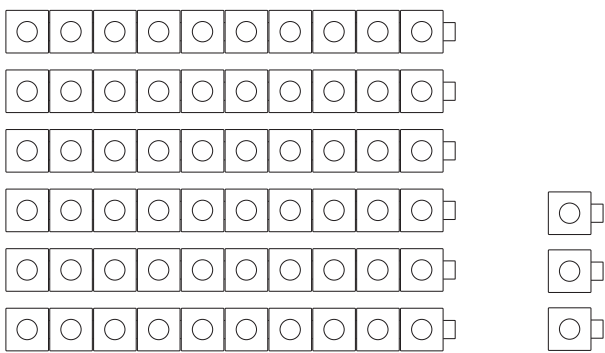
Estimate: _____

Count: _____

3.

Estimate: _____

Count: _____

Solve.

4. Chet has 10 baseball cards. Marisa has 10 baseball cards. Max has 8 baseball cards.

Estimate how many baseball cards they have. _____

Write the exact number. _____

13-7

Skills Practice

Problem-Solving Investigation: Choose a Strategy

**Choose a strategy.
Solve.**

Problem-Solving Strategies
• Act it out
• Guess and check
• Make a table

1. Lee and Joelle each have
10 books.
Ryan has 4 books.
How many books do they
have altogether?

_____ books

2. Trey has 40 crayons.
He shares them with 3 friends.
How many crayons will Trey
and his friends get?

_____ crayons

3. Hope has 4 bowls with
2 fish in each bowl.
How many fish does she have?

_____ fish

13-8

Skills Practice

Compare Numbers to 100

Write >, <, or =.

1. 72 ⊜ 72

2. 63 ◯ 76

3. 39 ◯ 40

4. 43 ◯ 34

5. 86 ◯ 88

6. 17 ◯ 18

7. 54 ◯ 45

8. 82 ◯ 82

9. 100 ◯ 98

10. 74 ◯ 94

Circle your answer.

11. Which is true about 6 tens and 5 ones?

The amount is greater than 68.

The amount is equal to 56.

The amount is less than 66.

12. Which is true about 3 tens and 7 ones?

The amount is greater than 35.

The amount is equal to 39.

The amount is less than 28.

Name _____

Skills Practice

Order Numbers to 100

**Write the number that comes just *before*
and just *after*.**

1. _____, 38, _____ **2.** _____, 46, _____

3. _____, 40, _____ **4.** _____, 64, _____

5. _____, 69, _____ **6.** _____, 76, _____

7. _____, 71, _____ **8.** _____, 27, _____

9. _____, 53, _____ **10.** _____, 67, _____

11. _____, 90, _____ **12.** _____, 33, _____

Write the number that is between.

13. 19, _____, 21 **14.** 59, _____, 61

15. 80, _____, 82 **16.** 48, _____, 50

Solve.

17. Jim wants the number
after 29 on his shirt.
Write the number on
Jim's shirt.

Jim

14-1
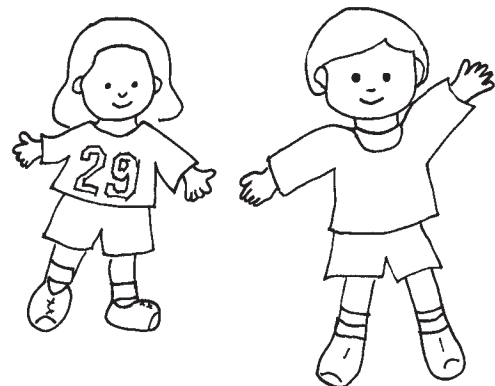
Skills Practice

Equal Parts

Look at the shapes. Circle the picture that shows equal parts.

1.

2.

3.

4.

5.

Name _____
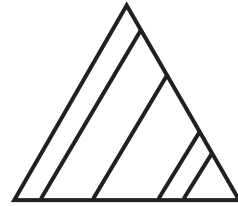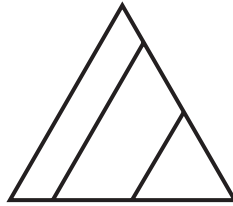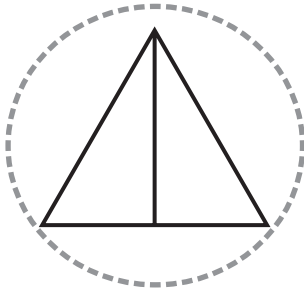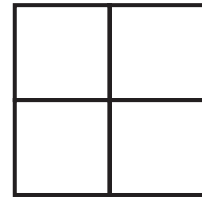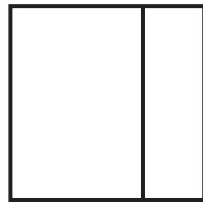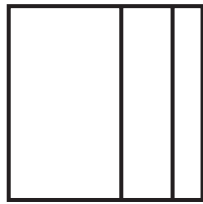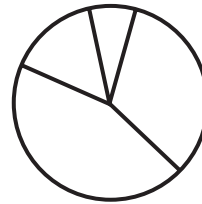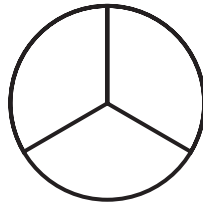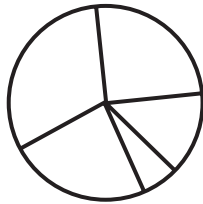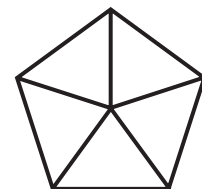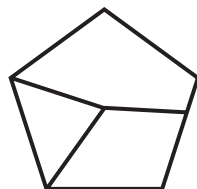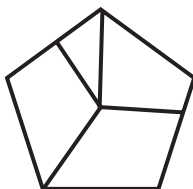
Skills Practice

Problem-Solving Strategy: Draw a Picture

Draw a picture to solve.

1. Meg has an orange. She wants to share it with her friend. How many equal parts should she cut?

Draw your picture here.

_____ parts

2. Kevin has a banana. He wants to share it with his 4 friends at lunch. How many equal parts should he cut?

_____ parts

3. Mr. Stevens has a small pizza. He wants to share it with his wife, his mother, and his 2 sons. How many equal parts should he cut?

_____ parts

14-3

Skills Practice

One Half

Color $\frac{1}{2}$ of each shape.

1.

2.

3.

4.

5.

6.

Name _____
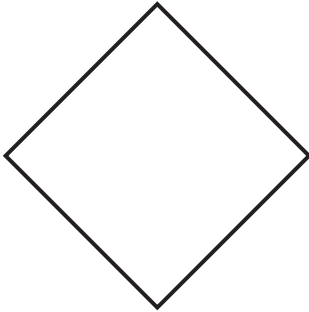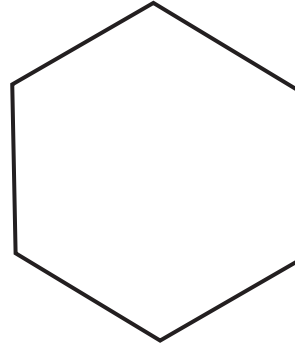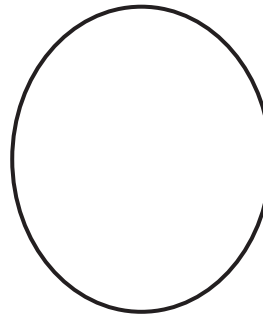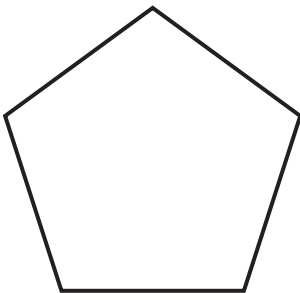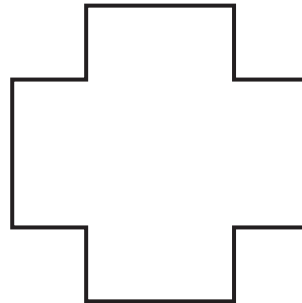
Skills Practice

One Third and One Fourth

Color 1 equal part.
Circle the fraction.

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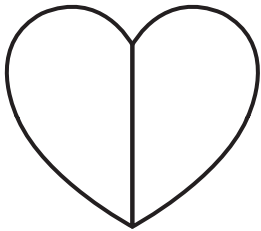
$\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$

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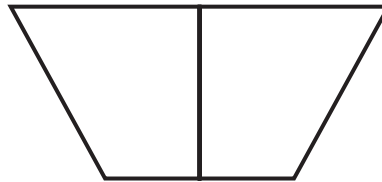
$\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$

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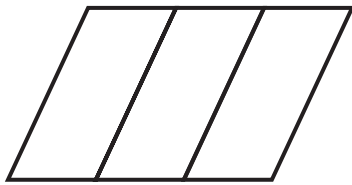
$\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$

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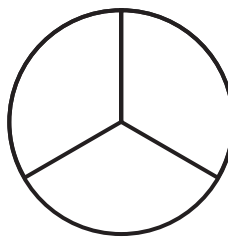
$\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$

5.

$\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$

6.

$\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$

14-5
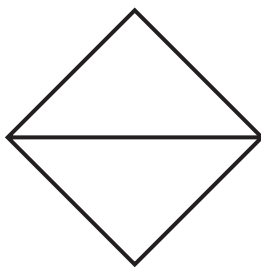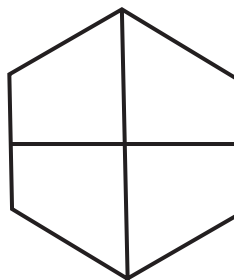
Skills Practice

Non-Unit Fractions

Circle how many parts are shaded.

1.

$\dfrac{1}{2}$ $\dfrac{1}{3}$ $\dfrac{1}{4}$

2.

$\dfrac{1}{2}$ $\dfrac{1}{3}$ $\dfrac{1}{4}$

3.
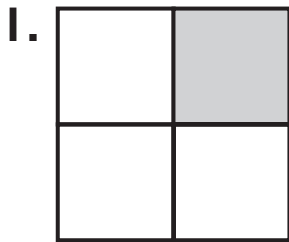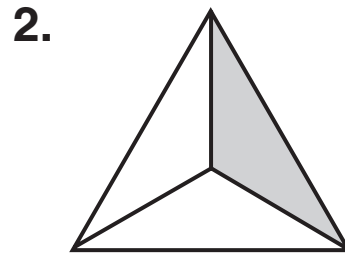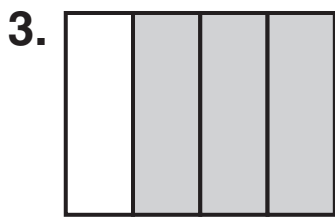
$\dfrac{1}{4}$ $\dfrac{2}{4}$ $\dfrac{3}{4}$

4.
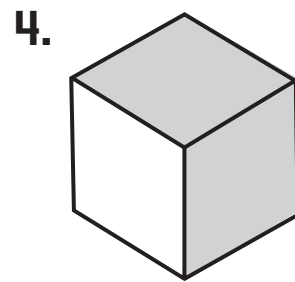
$\dfrac{1}{3}$ $\dfrac{2}{3}$ $\dfrac{3}{3}$

Color to show the fraction.

5.

$\dfrac{1}{4}$

6.

$\dfrac{2}{3}$

Name _____
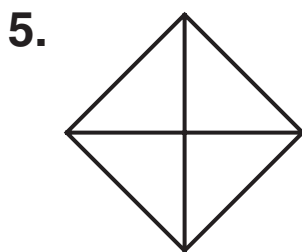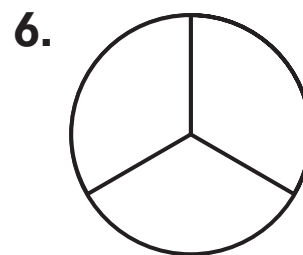
Skills Practice

Fractions of a Set

Fill in the blanks to complete the sentences.

1.

_____ out of _____4_____ are shaded.

2.

_____ out of _____ are shaded.

3.

_____ out of _____ are shaded.

4.

_____ out of _____ are shaded.

5.
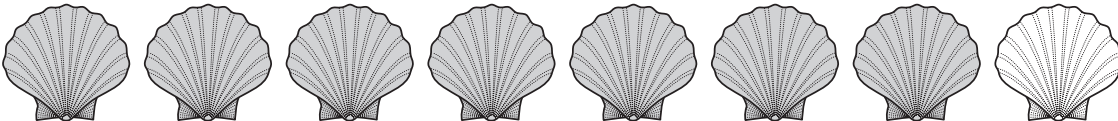
_____ out of _____ are shaded.

14-7

Skills Practice

Problem-Solving Investigation: Choose a Strategy

Choose a strategy to solve.

<div style="border:1px solid;">

Problem-Solving Strategies

- Guess and check
- Use logical reasoning
- Draw a picture

</div>

1. Lulu wants to split a sheet of paper 4 ways. Which picture shows how she can split the paper 4 ways equally?

Circle your answer.

2. Mr. Hill wants to split a small melon 3 ways. Which picture shows how he can split the melon 3 ways equally?
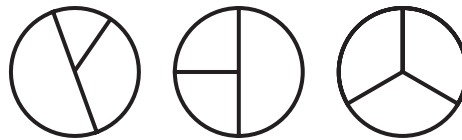
3. Chito wants to share a sub sandwich with 5 friends. Which picture shows how all 6 friends can equally share a sub sandwich?

Name _____
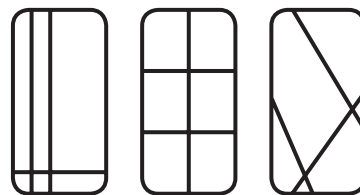
Skills Practice

Add and Subtract Tens

Add or subtract. Use ⬜⬜⬜⬜⬜⬜⬜⬜ to help.

1. 7 tens − 3 tens = _____ tens   70 − 30 = _____

2. 6 tens − 1 ten = _____ tens   60 − 10 = _____

3. 4 tens + 2 tens = _____ tens   40 + 20 = _____

4. 4 tens + 3 tens = _____ tens   40 + 30 = _____

5. 9 tens − 3 tens = _____ tens   90 − 30 = _____

6. 7 tens + 1 ten = _____ tens   70 + 10 = _____

Solve.

7. What is 4 tens from 7 tens? _____ − _____ = _____

8. What is 3 tens and 5 tens? _____ + _____ = _____

9. What is 2 tens and 2 tens? _____ + _____ = _____

10. What is 1 ten from 7 tens? _____ − _____ = _____

11. What is 4 tens from 6 tens? _____ − _____ = _____

12. What is 4 tens and 3 tens? _____ + _____ = _____

Name _____

Skills Practice

Add with Two-Digit Numbers

Use WorkMat 7 and ☐ and ▭▭▭▭. Add.

1.

tens	ones
3	7
+	2

2.

tens	ones
4	4
+	3

3.

tens	ones
6	1
+	5

4.

tens	ones
5	2
+	6

5.

tens	ones
7	6
+	1

6.

tens	ones
2	1
+	7

Solve.

7. Bob has 33 stamps. He finds 2 more. How many stamps are there? _____ stamps

8. Start at 26. Count on 2. What is the number? _____

15-3

Skills Practice

Problem-Solving Strategy: Guess and Check

Guess and check to solve.

1. Mike has 2 toy boxes. He has 29 toys. About how many toys are in each box? Circle your guess. Then check.

About: 5   10   15

Check: _____ . Was your guess close? ____

2. Todd sees 2 kinds of things outside. He sees 15 things in all. Which 2 things does he see? Circle your guess. Then check.

   5   7   10

Check: _____ . Was your guess right? ____

3. Ella did 2 chores for her mom. She worked for 35 minutes. Which 2 chores did she do? Circle your guess. Then check.

10 minutes   15 minutes   25 minutes   30 minutes
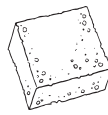
Check: _____ . Was your guess right? ____

4. Make this number sentence correct. Put in the signs.

32 ◯ 25 ◯ 7 = 0

Name _____

Skills Practice

Add Two-Digit Numbers

Use WorkMat 7 and ☐ and ▭▭▭▭▭. Add.

1.

tens	ones
3	7
+ 1	2

2.

tens	ones
5	0
+ 3	3

3.

tens	ones
1	7
+ 6	2

4.

tens	ones
3	5
+ 2	3

5.

tens	ones
7	7
+ 2	2

6.

tens	ones
3	4
+ 1	5

Solve.

7. Lu counts 51 cents in her pocket. She finds 26 more. How many cents does she have now?

_____

8. The letter carrier brings mail to 13 houses each day. How many houses does he visit in 2 days?

_____

Name _____

Skills Practice

Estimate Sums

Round to the nearest *ten*. Then add.
Use the number lines to help.

```
←—+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+—→
   10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30

←—+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+——+—→
   30  31  32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50
```
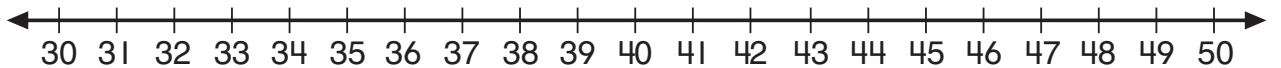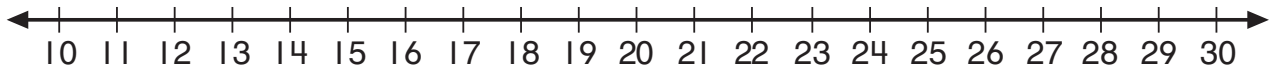
1. 47 + 29

47 rounds to _____

29 rounds to _____

_____ + _____ = _____

2. 22 + 13

22 rounds to _____

13 rounds to _____

_____ + _____ = _____

3. 24 + 28

_____ + _____ = _____

4. 39 + 17

_____ + _____ = _____

5. 33 + 11

_____ + _____ = _____

6. 31 + 42

_____ + _____ = _____

Solve.

7. Lee had 21 stickers. She gets 11 more. About how many does she have now?

_____ + _____ = _____ She has about _____ stickers.

8. Tom had 62 marbles. His sister gives him 25 more. About how many marbles does he have now?

_____ + _____ = _____ He has about _____ marbles.

Name _____

Skills Practice

Subtract with Two-Digit Numbers

Use WorkMat 7 and ▢ and ▭▭▭▭. Subtract.

1.

tens	ones
2	6
	5

(−)

2.

tens	ones
4	9
	6

(−)

3.

tens	ones
1	8
	3

(−)

4.

tens	ones
4	2
	1

(−)

5.

tens	ones
7	7
	5

(−)

6.

tens	ones
3	5
	2

(−)

Solve.

7. Ann has 28 paper dolls. She gives 6 to her friends. How many does she have now?

_____ paper dolls

8. Start at 39. Count back 4. What is the number?

_____

15-7

Skills Practice

Subtract Two-Digit Numbers

Use WorkMat 7 and ▢ and ▭▭▭▭▭▭. Subtract.

1.

tens	ones
5	7
− 1	5

2.

tens	ones
3	9
− 2	3

3.

tens	ones
4	7
− 3	4

4.

tens	ones
6	4
− 3	1

5.

tens	ones
8	3
− 1	1

6.

tens	ones
9	5
− 1	3

Solve.

7. Jeff bought 38 cherries. He gave 23 to his dad. How many cherries are left?

_____ cherries

8. Marge counted 59 leaves on a tree. She counts 31 the next day. How many leaves fell off the tree?

_____ leaves

Name _____

Skills Practice

Problem-Solving Investigation: Choose a Strategy

Choose a strategy and solve.

Problem Solving Strategies
• Guess and check
• Choose the operation
• Make a table

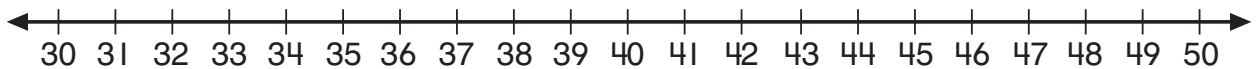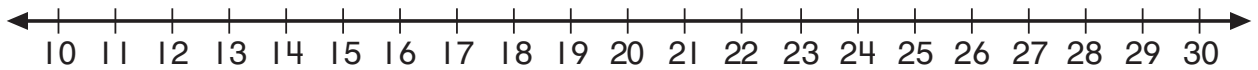1. Lin plants 12 seeds. Dee plants 34 seeds. How many seeds do they plant?

   _____ seeds

2. Raul has 10 toy cars. He gets a set of 30 cars for his birthday. How many cars does he have now? _____ cars

3. Lita sees two kinds of objects on her trip. She sees 39 in all. Which two objects does she see? Circle your answer.

   15   18   21

4. The letter carrier brings mail to 20 homes on Lee Street. He brings mail to 10 homes on Main Street. How many homes is that?

   _____ homes

5. Jen's block has 48 trees. Sam's block has 23 trees. How many more trees are on Jen's block?

   _____ trees

6. Lou has 16 shirts. Greg has 11 shirts. About how many shirts do they have? Round to the nearest ten.

   About _____ shirts

15-9

Skills Practice

Estimate Differences

Round to the nearest *ten*. Then subtract.
Use the number lines to help.

10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

1. 39 − 32

39 rounds to _____

32 rounds to _____

_____ − _____ = _____

2. 48 − 24

48 rounds to _____

24 rounds to _____

_____ − _____ = _____

3. 47 − 28

_____ − _____ = _____

4. 49 − 17

_____ − _____ = _____

5. 38 − 21

_____ − _____ = _____

6. 43 − 14

_____ − _____ = _____

Solve.

7. Lily has 57 marbles. Her brother has 22 marbles.
About how many more marbles does Lily have?

_____ − _____ = _____

She has about _____ more marbles.