Second Grade Math Summative Assessment

Name: _____

| CCSS	PASS Standard	Question Numbers							Mastered?
	1.1		1	2	3				
	1.2		4	5	6				
	1.3		7	8	9				
NBT.9 OA.1	1.4		10	11					
NBT.1-4	2.1	12	13	14	15	16	17	18	
OA.1	2.2	19	20	21	22	23	24	25	
G.3	3.1		26	27					
G.3	3.2		28	29					
MD.1-6	4.1		30	31	32				
MD.7	4.2	33	34	35	36				
MD.8	4.3		37	38	39				
MD.10	5.1	40	41	42	43	44			
	Total Test: _____ of 44								Score:

Note: The standards were prioritized and weighted on this test by using 3rd grade OCCT blueprint as a guide.

PASS Standard 1.1

1) Which of the following figures comes next in the sequence shown below?

A)

B)

C)

D)

2)
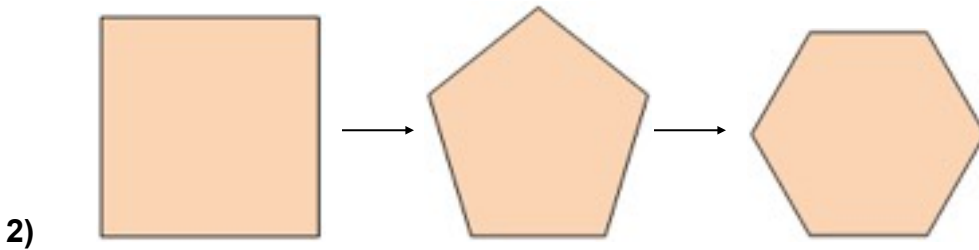
What is the rule for the figures above?

      A) Each shape has 1 less side than the shape before it.

      B) Each shape has 2 less sides than the shape before it.

      C) Each shape has 2 more sides than the shape before it.

      D) Each shape has 1 more side than the shape before it.

3) Using that rule, please draw the first shape in this pattern.

4) Jeff is making a salad. The table below shows how many spoons of raisins for every cup of greens.

Salad Chart					
Number of Cups of Greens	5	6	7	8	9
Number of Spoons of Raisins	10	12	?	16	18

How many spoons of raisins will Jeff put in the salad if he puts in 7 cups of greens?

A) 14

B) 13

C) 7

D) 15

5) What is the rule for this sequence?

49 , 53 , 57 , 61 , 65

A) Each number in the sequence is 4 less than the number before it.
B) Each number in the sequence is 6 more than the number before it.
C) Each number in the sequence is 7 more than the number before it.
D) Each number in the sequence is 4 more than the number before it.

6) Using this rule, what would be the 8th number in this sequence?

_____

<u>PASS Standard 1.3</u>

7) Hayden has 17 dollars. How many more dollars does he need to have 36 dollars in all so he can buy a new video game?

A) 53

B) 19

C) 63

D) 29

8) Mikaela had some stickers. Then, Victoria gave her 16 more stickers. Now, Victoria has 41 stickers. Write and solve a math sentence to show how many stickers Mikaela started with. .

Answer: _____ stickers

9) Jessica has 15 puzzle pieces put together. How many more pieces does she need to add to the puzzle so that she can have 85 pieces put together in all?

    A) 100

    B) 90

    C) 70

    D) 60

PASS Standard 1.4

10) Which number for *n* makes the number sentence true?

    $(n + 6) + 10 = 18$

    A) 2

    B) 0

    C) 4

    D) 18

11) ▲▲▲▲ + ▲▲▲ + ▲▲▲▲▲

Select all that would be the same as above.

A) △△△△△△△ + △△△△△

B) △△△△ + △△△△△△

C) △△△△ + △△△△△△△

D) △△△△△△△ + △△△△

12) Which model correctly shows the number 257

A)

B)

C)

D)
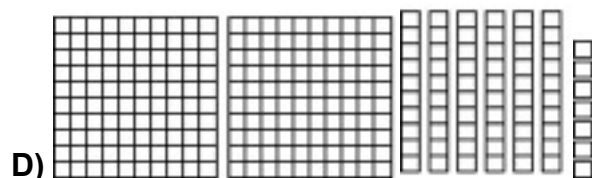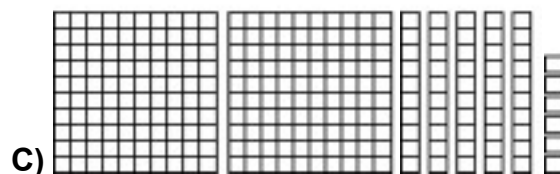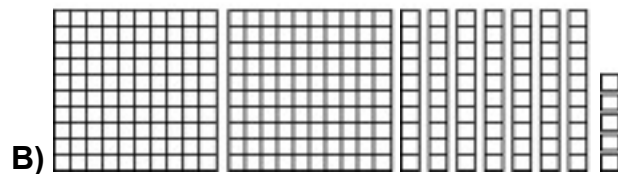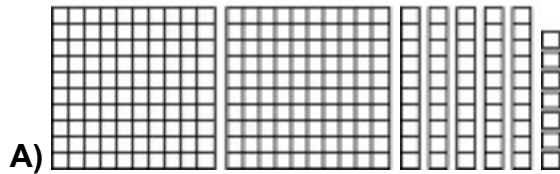
13) Which is another way to write the number below?

100 + 80 + 7

A) 178

B) 187

C) 107

D) 1,870

14) **Which of these is another way of writing 522?**

A) 5 hundreds and 22 ones

B) 5 hundreds and 22 tens

C) 50 hundreds and 22 ones

D) 52 hundreds and 2 ones

15) **Students in Ms. Weatherbie's class are playing a game. To play the game, each player must make a 3-digit <u>even</u> number. The play with the greatest number is the winner of the game. These cards show the number made by player 1.**
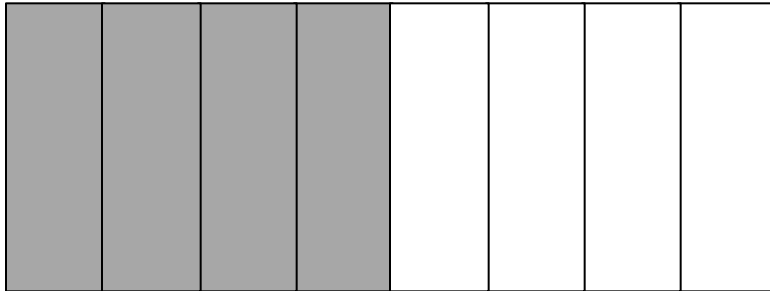
| 6 | 5 | 2 |
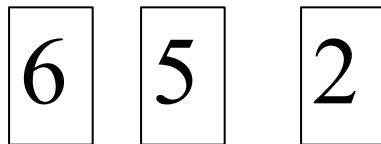
Player 2 has the following cards. Who wins the game? How do you know? What is the largest number that player 2 can make?

| 3 | 8 | 0 |
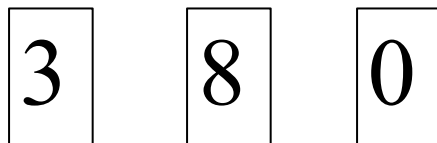
16) Juan is jumping rope. So far, he has jumped the rope 115 times. Between how many times has Juan jumped the rope?

      A) between 108 and 118

      B) between 98 and 108

      C) between 128 and 138

      D) between 118 and 128

17) What percentage of the figure below is shaded?

      A) 25%

      B) 50%

      C) 75%

      D) 100%

18) Donald was practicing drawing his shapes. He drew 2 circles, 1 triangle, and 1 square. What fraction of the shapes are circles?

      A) $^2/_2$

      B) $^2/_3$

      C) $^1/_4$

      D) $^2/_4$

19) Sort each math sentence into the correct column.

Greater Than 15	Less Than 15	Equal To 15

8 + 7 = _____   5 + 9 = _____   12 + 6 = _____

16 – 7 = _____   19 – 4 = _____   18 – 12 = _____

20) Mark pulls weeds in his neighborhood on the weekend for extra money. On Saturday he made $37 and on Sunday he made $42. Did he make more or less than $100 over the weekend?

A) more than $100

B) less than $100

C) equal to $100

21) Emily made 91 cookies to bring to school. She gave 34 of them to the other teachers in her school. About how many cookies are left for her class?

A) 70

B) 120

C) 60

D) 40

22) Maria is reading a book with 75 pages. She has read 39 pages so far. How many pages are left for Maria to read?

A) 34

B) 46

C) 44

D) 36

23) Henry is looking for his crayons. He found 48 crayons in his room. He found the other 42 crayons in his study room. How many crayons did Henry find?
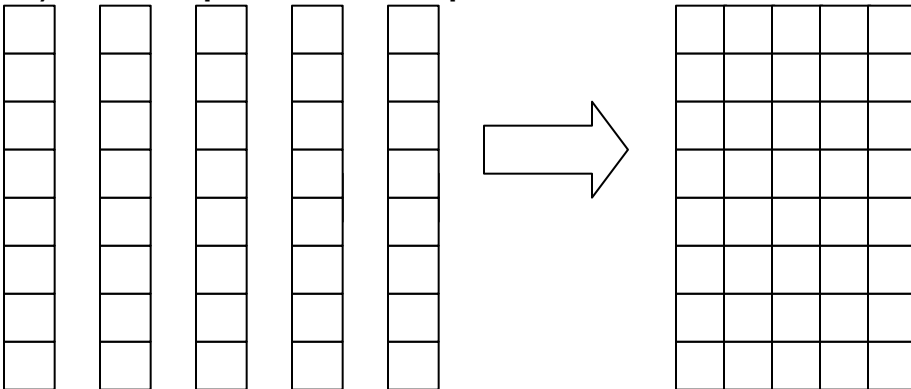
    A) 90

    B) 88

    C) 91

    D) 80

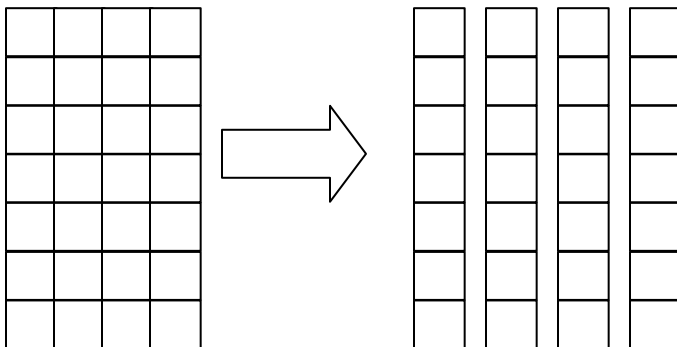**24) Which repeated addition problem is solved below?**

    A) 8 + 5 = 13

    B) 5 + 8 = 13

    C) 8 + 8 + 8 + 8 + 8 = 40

    D) 5 + 5 + 5 + 5 + 5 = 25

25) Which successive subtraction problem is solved below?

    A) 28 – 7 – 7 – 7 – 7 = 0

    B) 28 – 24 = 4

    C) 21 – 7 – 7 – 7 = 7

D) 24 – 6 – 6 – 6 – 6 = 0

<u>PASS Standard 3.1</u>

26) Ramon is on a road trip with his family. Which of the following signs that he saw is symmetrical?

A)

ROUTE
1

B)

H
808

C)

US
101

D)

INTERSTATE
10

27)

Which shape below is congruent to the shape above?

A)

B)

C)

D)

28)
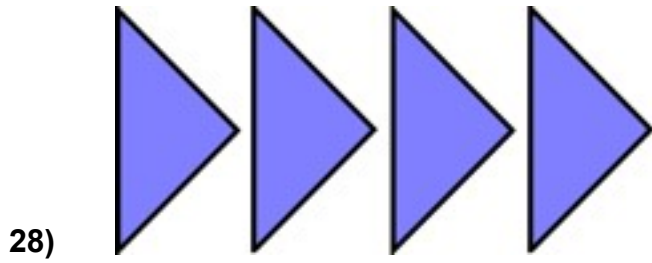
What shape could be made by putting all of the shapes above together?

A)

B)

C)

D)
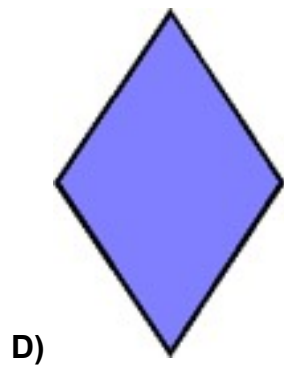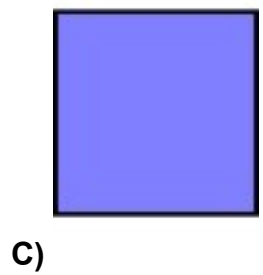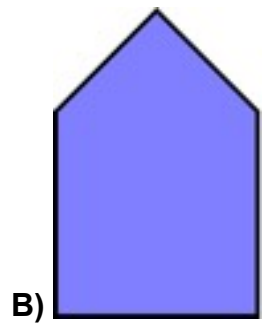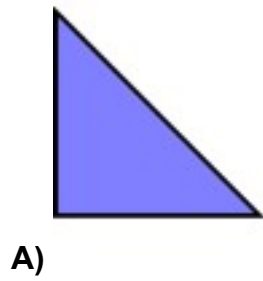
29) Cory is putting shapes together to make a large triangle, as shown below.

    A) circle

    B) triangle

    C) square

    D) rectangle

PASS Standard 4.1

30)

How long is the straw shown above?

    A) 4 inches

    B) 7 inches

    C) 2 inches

    D) 3 inches

31)

Use a ruler to measure this comb to the nearest half inch.

_____ **inches**

32) About how tall is a computer monitor?

    A) 1 foot

    B) 1 centimeter

    C) 1 inch

    D) 1 meter

<u>PASS Standard 4.2</u>

33)
What time is it on the clock above?

_____ : _____

34)
What time is it on the clock above?

    A) 15 minutes past 1 o'clock

    B) 15 minutes past 10 o'clock

    C) 15 minutes until 1 o'clock

    D) 1 minute past 5 o'clock

35) Maria is taking a class to learn how to play piano that will last 5 months. In weeks, how long will the class last?

    A) 25

    B) 20

    C) 35

D) 10

36) Linda is taking a trip to visit her aunt in 6 weeks. How many days is it until she leaves for her trip?

      A) 60 days

      B) 42 days

      C) 48 days

      D) 30 days

PASS Standard 4.3

37)

How much money is shown above?

      A) $3.62

      B) $2.62

      C) $2.72

      D) $2.97

38) How much money is shown here? Include proper units.

_____

39) Sam has this much money. Which choice shows how much money Sam has using a cent sign (¢)

$0.08

A) 0.8¢

B) 8¢

C) 0.08¢

D) 80¢

<u>PASS Standard 5.1</u>

40) Marcia read books over the summer. She created the picture graph shown.

Summer Reading

Month	Books
June	🔲🔲🔲🔲🔲
July	🔲🔲🔲
August	🔲🔲🔲🔲🔲🔲
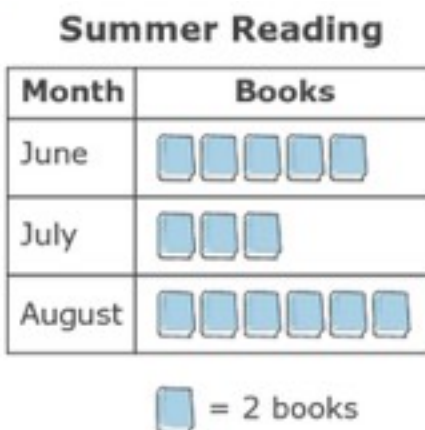
🔲 = 2 books

How many more books did Marcia read in August than July?

A) 1

B) 3

C) 4

D) 6

41) Mrs. Bates asked her kindergarten students to name their favorite colors. The graph below shows the number of students who picked each color.

Students' Favorite Colors
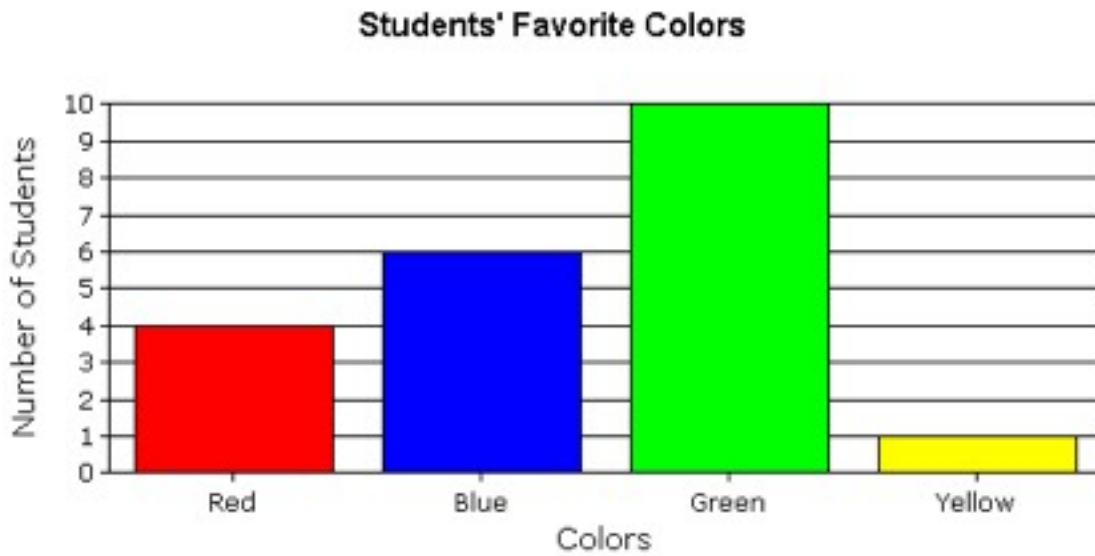
How many students voted in all?

A) 21

B) 17

C) 23

D) 20

42)

WINTER BIRDS	
Type of Birds	**Number of Birds**
Bluebird	卌 卌
Blue Jay	卌 III
Cardinal	III

Rohan is counting how many bluebirds, blue jays, and cardinals he sees in his yard. He used the tally chart above to make the bar graph below.

Winter Birds

What did Rohan do wrong when he made the graph?

_____

_____

_____

_____

_____

43) Four friends counted the houses on their streets. The table below shows how many houses are on each friend's street.

Name	Number of Houses
Katie	25
Joey	32
Natalie	40
Brenna	28
Alex	34

How many fewer houses are on Katie's street than on Natalie's street?

    A) 13

    B) 15

    C) 12

    D) 14

44) Alex has a collection of video games. He has 5 racing games, 2 adventure games, 12 educational games, and 10 fantasy games.

Which of the tables below matches this data?

A)

Alex's Video Games	
Type of Video Games	**Number of Video Games**
Racing Games	10
Adventure Games	12
Educational Games	2
Fantasy Games	5

B)

Alex's Video Games	
Type of Video Games	**Number of Video Games**
Racing Games	5
Adventure Games	2
Educational Games	10
Fantasy Games	12

C)

Alex's Video Games	
Type of Video Games	**Number of Video Games**
Racing Games	2
Adventure Games	5
Educational Games	12
Fantasy Games	10

D)

Alex's Video Games	
Type of Video Games	**Number of Video Games**
Racing Games	5
Adventure Games	2
Educational Games	12

Fantasy Games	10

2nd Grade Math Summative Assessment - ANSWER KEY

1	D	24	C
2	D	25	A
3	Student draws a triangle	26	B
4	A	27	A
5	D	28	D
6	77	29	B
7	B	30	D
8	41 – 16 = 25	31	3.5 inches
9	D	32	A
10	A	33	8:15
11	A and C	34	A
12	A	35	B
13	B	36	B
14	A	37	C
15	Player 2 will win with the number 830, an even number.	38	$41 OR 41 dollars
16	A	39	B
17	B	40	D
18	D	41	A
19	**Greater Than 15 Less Than 15 Equal To 15** **12+6 5+9** **16-7** **18-12 8+7** **19-4**	42	Rohan saw 3 cardinals but the graph shows that he saw 4.
20	B	43	B

21	C	44	D
22	D		
23	A		