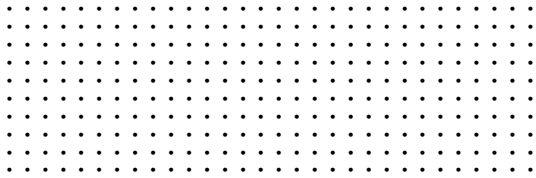


CCSS Math Samples — Grade 2

1. Use the dot grid to show the number 100.



What value does the 1 have in the number 100?

What value does the 0 have in 100?

2. Look at the addition problem in the box.

$$4 + 5 = 9$$

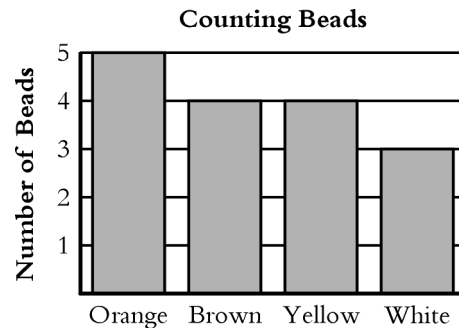
Which of these can be used to check the answer to the addition problem?

- (A) $6 + 3 = 9$
(B) $9 + 5 = 14$
(C) $9 - 4 = 5$

3. Sylvia earned seven dollars and twenty-nine cents babysitting. How is this amount of money written?

- (A) \$7.29
(B) \$0.729
(C) \$0.29

4. Trudi counted the beads in a box. The graph shows the number of beads of each color that Trudi counted.



How many beads are in the box in all?

- (A) 5 (B) 16 (C) 20

5. Payton's friend gave him 7 model cars. Now he has a total of 24 model cars. How many cars did Payton have before his friend gave him the cars?

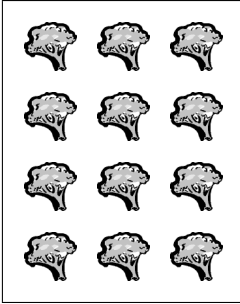
- (A) 31 (B) 23 (C) 17

6. Mr. Potley wrote a number sentence on the white board.

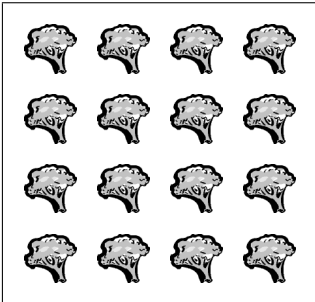
$$3 + 3 + 3 + 3 = 12$$

Which of these shows the number sentence?

(A)



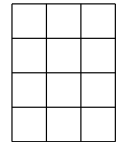
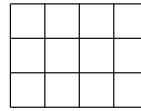
(B)



(C)



7.



Circle the rectangle that has 3 rows and 4 columns.

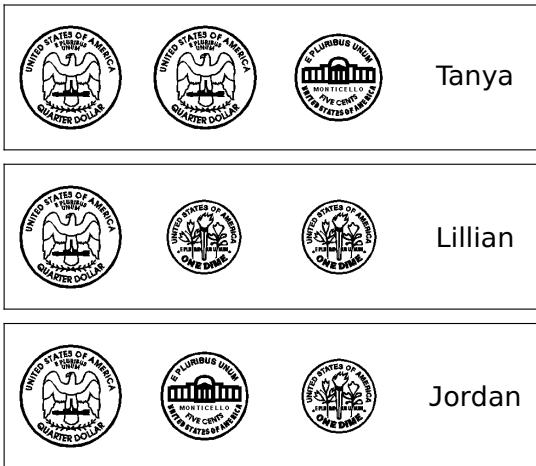
Write the number of same-size squares under each rectangle.

8. Jake poured a bowl of cereal but 12 pieces of cereal fell out of the bowl.

Which of these describes how Jake can tell if 12 is an even number?

- (A) count by 2's with none left over
- (B) count by 2's with one left over
- (C) $9 + 3 = 12$ so 12 must be odd

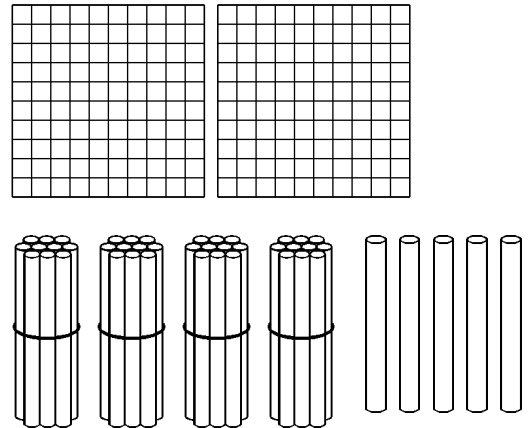
9. Three friends each have three coins.



Whose coins have the greatest value?

- (A) Tanya
 (B) Lillian
 (C) Jordan
10. There are 87 white cars.
 There are 39 gray cars.
 How many cars in all?
- (A) 116 (B) 118 (C) 126
11. Which of these is the *best* estimate for the length of a car?
- (A) 1 foot
 (B) 3 feet
 (C) 12 feet

12. What is another way of writing the number shown in the picture?



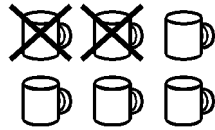
- (A) $200 + 60 + 5$
 (B) $200 + 50 + 5$
 (C) $200 + 40 + 5$
13. There are 125 hand soap pump bottles on the shelves at the store.
 There are 316 hand soap pump bottles in the storeroom.
 How many hand soap pump bottles in all?
14. Draw a picture and write an addition story using these details:
 3 apples, 5 oranges, 6 apples
 Kim, Ron, Mark

15. Which subtraction problem is shown in the picture?

(A) $4 - 2 = 2$

(B) $4 - 2 = 1$

(C) $6 - 2 = 4$



16. Mr. Miller made 100 breakfast goods to sell in his bakery.

The table shows the kinds of breakfast goods he made.

Breakfast Goods

Cinnamon Rolls	25
Sprinkle Donuts	50
Apple Fritters	10
Glazed Donuts	15

Customers bought all of the Cinnamon Rolls and the Sprinkle Donuts.

How many breakfast goods did Mr. Miller sell?

Does Mr. Miller have any breakfast goods left?

If Mr. Miller has breakfast goods left, how many does he have?

17. What is another way to write 63?

(A) $60 + 30$

(B) $6 + 3$

(C) 6 tens and 3 ones

18. Jasmin went to the zoo.

She saw 4 zebras wiggling their ears.

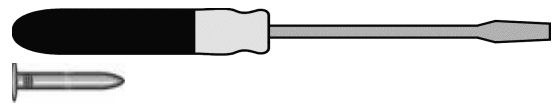
She made a table to count the ears.

Zebras	Ears
1	2
2	4
3	
4	

Complete the table.

How many ears did 4 zebras have altogether?

19. About how many nails long is the screwdriver?

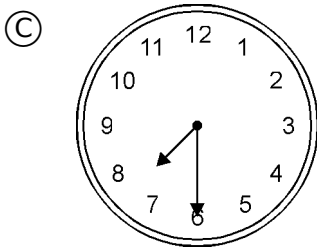
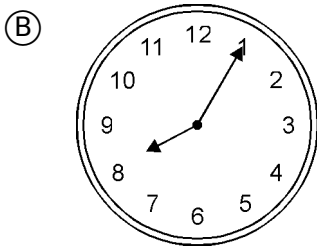
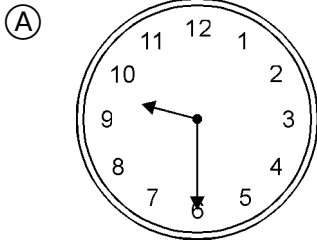


(A) 6

(B) 9

(C) 11

20. Mrs. Jones goes to work between 7:00 and 8:00. Which clock shows a time she might go to work?

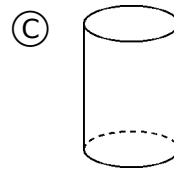
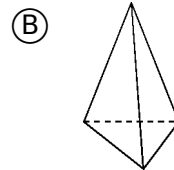
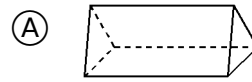


21. Sawyer measured something that was about 12 inches tall.

Which item could he have measured?

- (A) vacuum cleaner
- (B) traffic light
- (C) snow boot

22. Which figure best represents a triangular prism?



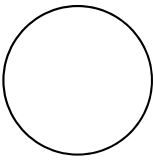
23. The store has many camping items. The camping items include 64 lanterns, 48 camp stoves, 75 sleeping bags, and 43 tents.

$64 + 48 + 75 + 43 = \square$

How many camping items in all?

- (A) 127
- (B) 187
- (C) 230

24. Mrs. Smith asked Terrence to cut the cupcake into two equal pieces.



Cupcake

Show how this can be done.

What is the name of the parts?

How many parts in the whole?

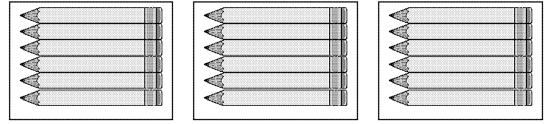
25. The table shows how many shots were made by the basketball players.

player	shots made
Monique	26
Kim	21
Rhonda	37

Which number sentence can be used to find how many more shots Rhonda made than Monique?

- (A) $37 - 26 = \square$
- (B) $21 + 26 = \square$
- (C) $37 - 21 = \square$

26. Lizeth put pencils in 3 different pencil boxes for her teacher. She put 6 pencils in each box.



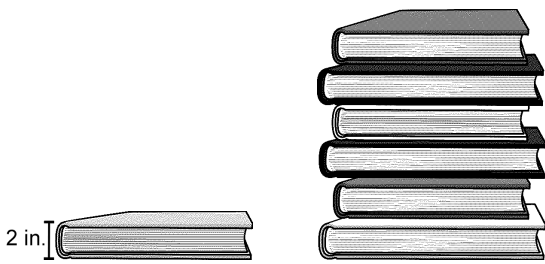
Which shows how to use addition to find how many pencils she had in all?

- (A) $3 + 3 + 3$
- (B) $3 + 6$
- (C) $6 + 6 + 6$

27. Michael has 5 cars and some trucks in his toy chest. What information is needed to find the total number of cars and trucks in Michael's toy chest?

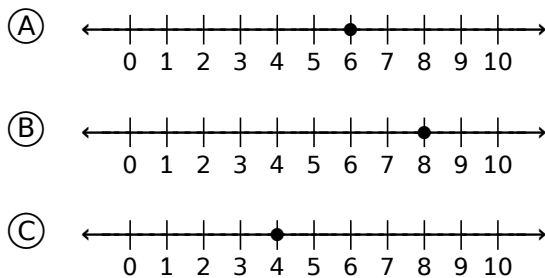
- (A) The number of toys in the chest
- (B) The number of trucks in the chest
- (C) The size of the toy chest

28. Each book is two inches tall. How tall is the stack of books in the picture?

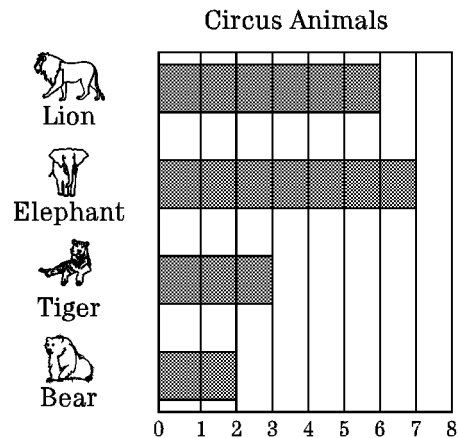


- (A) 6 inches
- (B) 12 inches
- (C) 20 inches

29. If you subtract 1 from my number you get 7. My number is a whole number between 0 and 10. Which number line has a dot on my number?



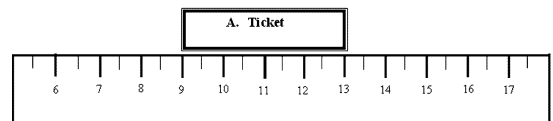
30. Joanna went to the circus with some friends. She wrote a report for her class about what she saw at the circus. She made the graph to show some of the animals she saw.



How many lions and tigers did Joanna see?

- (A) 10
- (B) 9
- (C) 5

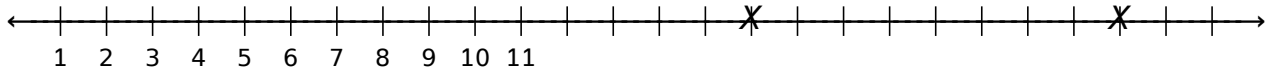
31. Janie received the ticket shown below from her teacher. She was practicing using her ruler and measured the length of her ticket in centimeters.



How long was Janie's ticket?

- (A) 4 cm
- (B) 6 cm
- (C) 13 cm

32. Kelsey drew a number line in the sand.
 She forgot to place numbers under each hash mark.
 She placed an *X* on two hash marks.



Write the correct number under each *X*.

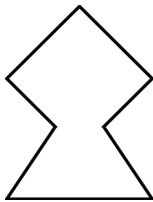
Circle a number that is greater than 6.

Make a triangle around a number that is less than 15.

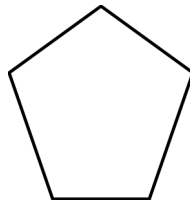
Draw a rectangle around a number between 13 and 18.

33. Which of the figures is a hexagon?

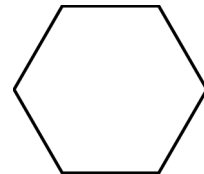
Ⓐ



Ⓑ



Ⓒ



34. Fill in each blank with the name of an item that is about the same as the measurement.

about 8 in

1. _____

2. _____

about 8 cm

1. _____

2. _____

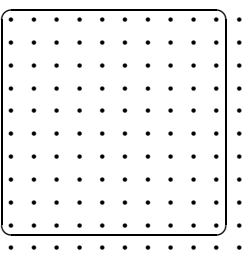
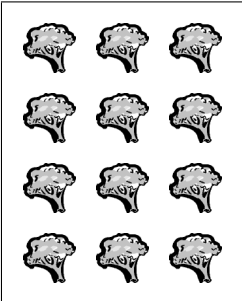
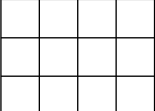
about 8 m

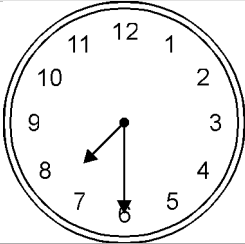

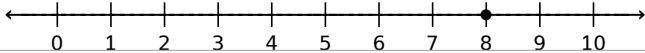
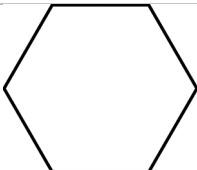

1. _____

2. _____

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Grade 2

Num	Scoring	Standard	Answer
1		2.NBT.01	 1 hundred or 100; 0 tens
2	C	2.NBT.05	$9 - 4 = 5$
3	A	2.MD.08	\$7.29
4	B	2.MD.10	16
5	C	2.OA.01	17
6	A	2.OA.04	
7		2.G.02	 ; 12, 8, 12
8	A	2.OA.03	count by 2's with none left over
9	A	2.MD.08	Tanya
10	C	2.NBT.07	126
11	C	2.MD.03	12 feet
12	C	2.NBT.03	$200 + 40 + 5$
13		2.NBT.07	441
14		2.NBT.07	answers vary
15	C	2.OA.01	$6 - 2 = 4$
16		2.OA.01	75 breakfast goods; yes; 25 breakfast goods
17	C	2.NBT.01	6 tens and 3 ones
18		2.NBT.02	6, 8; 8
19	B	2.MD.03	9

20	C	2.MD.07	
21	C	2.MD.03	snow boot
22	A	2.G.01	
23	C	2.NBT.06	230
24		2.G.03	[graph]; halves; 2
25	A	2.OA.01	$37 - 26 = \square$
26	C	2.OA.04	$6 + 6 + 6$
27	B	2.NBT.07	The number of trucks in the chest
28	B	2.MD.09	12 inches
29	B	2.MD.06	
30	B	2.MD.10	9
31	A	2.MD.01	4 cm
32		2.MD.06	
33	C	2.G.01	
34		2.MD.03	
35	B	2.MD.08	
36	A	2.G.01	Greg