

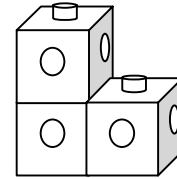
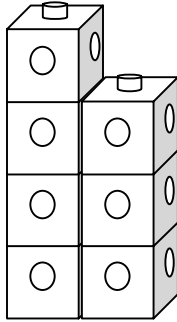
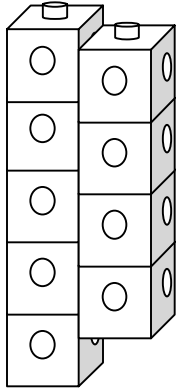
CIE-USA/DFW
Math Competition 2008
Grade 1
30 questions
Time: 45 minutes

Note:

*Make sure to write all your answers on the answer sheet. Only the answer sheet will be graded.

*Each of the 30 questions carries the same weight, so if there is not enough time, work the easiest problems first.

1. How many cubes belong in the missing group?



9

7

3

A. 8

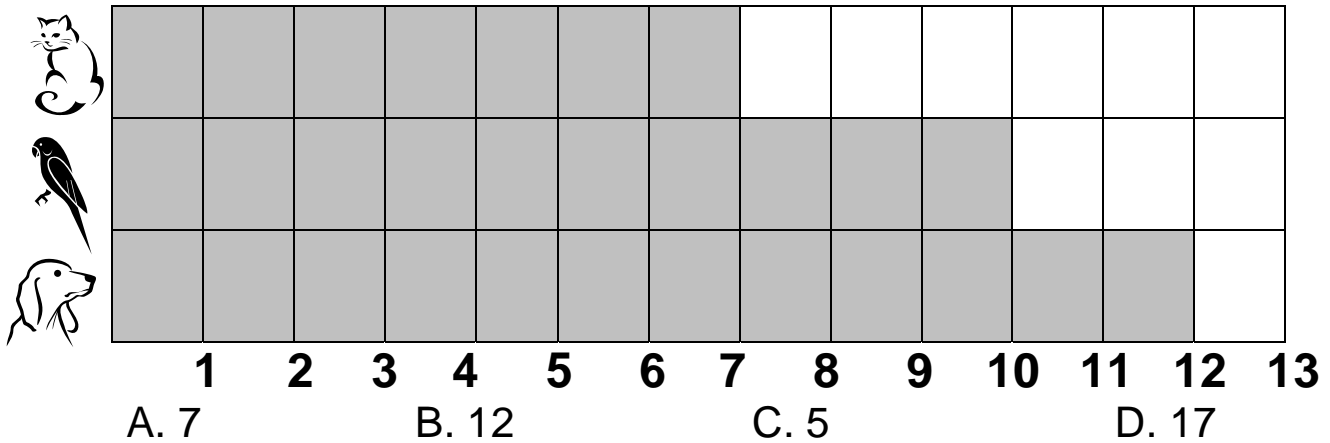
B. 1

C. 5

D. 4

2. Use the bar graph. How many fewer dogs than cats and birds do first graders have?

First Graders' Pets



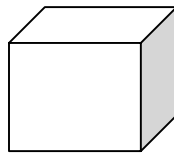
A. 7

B. 12

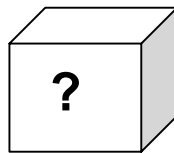
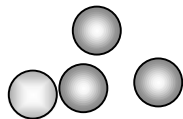
C. 5

D. 17

3. How many are in the



?



17 balls in all

A. 12

B. 11

C. 13

D. 15

4. Warren was skip-counting his crayons by 5's. If the box has 64 crayons, what numbers did he say out loud?

- A. 1, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60
- B. 5, 10, 15, 20, 25, 35, 40, 45, 50, 55, 60
- C. 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65
- D. 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60



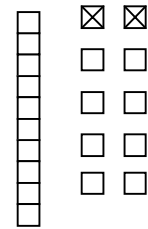
5. Which is **NOT** a way of showing 18?

A. $10 + 4 + 4$

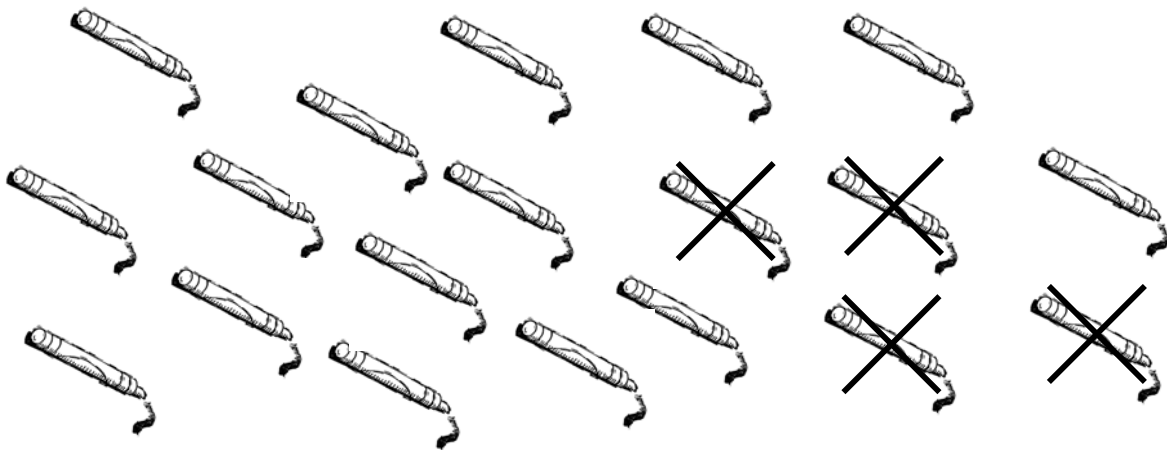
B. $45 - 37 =$

C. $9 + 9$

D.



6. Complete the number sentence.



 - 4 = 15

- A. 20
- C. 18

- B. 11
- D. 19

7. Use the pictograph to answer this question.

How many more students do Mr. Williams and Mrs. Jones have than Mrs. Brady and Mr. Berg?

Teacher	Number of students
Mr. Williams	☺ ☺ ☺ ☺ ☺
Mrs. Brady	☺ ☺ ☺ ☺
Mrs. Jones	☺ ☺ ☺ ☺
Mr. Berg	☺ ☺ ☺

Each ☺ = 3 students

- A. 2
- C. 6

- B. 4
- D. 8

8. Which number completes the fact family?

$7 + 5 = 12$

$12 - 7 = 5$

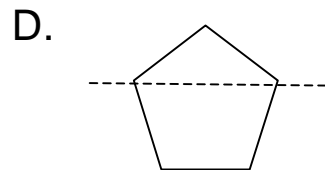
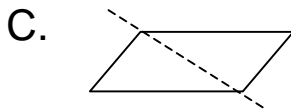
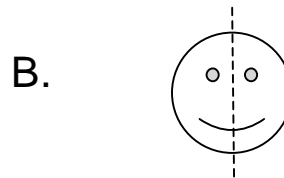
$5 + 7 = 12$

$12 - 5 = \underline{\quad}$

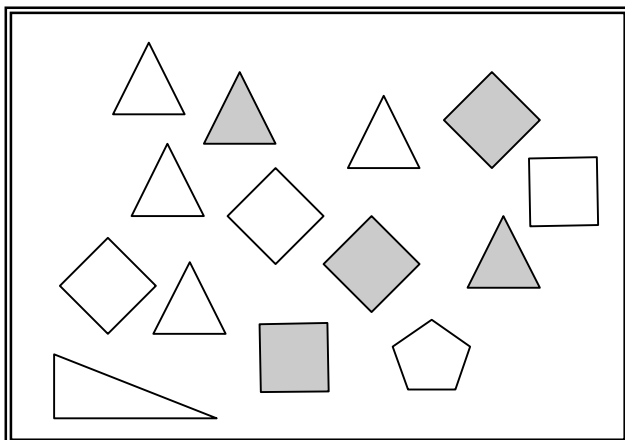
- A. 12
- C. 5

- B. 17
- D. 7

9. Which shape shows a line of symmetry?



10. Count the shapes. What number should go in the empty space in the table?



Shape	Shaded	Not shaded
Square	3	3
Triangle	2	

- A. 2
- C. 3

- B. 5
- D. 4

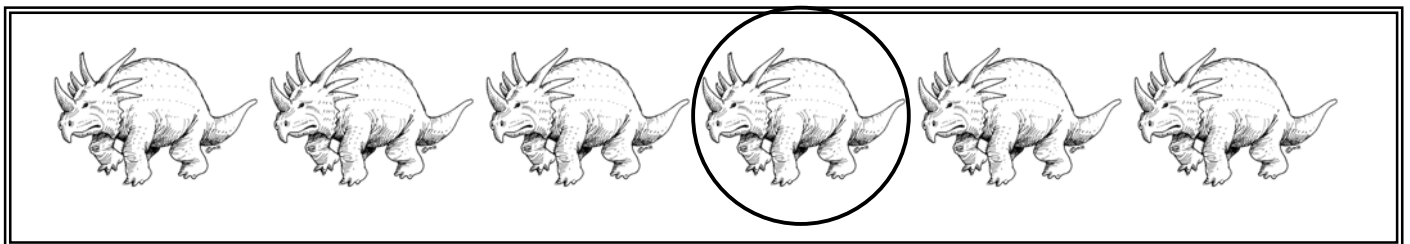
11. The cafeteria made lunch every day one week. How many pizzas did they make during the week?



Day	Food	How many?
Monday	Pizza	32
Tuesday	Hamburger	19
Wednesday	Chicken Nuggets	38
Thursday	Pizza	16
Friday	Hamburger	19

- A. 38
 B. 50
 C. 16
 D. 48

12. Which one is in the circle?



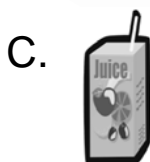
- A. fourth
 B. fifth
 C. second
 D. sixth

13. What number must be colored next to continue the pattern?




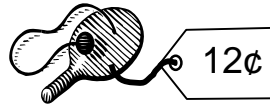

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

- A. 20
 B. 16
 C. 19
 D. 18

14. Which would hold more than 1 cup?



15. Count your money. Which 2 toys can you buy?

			
 Horse	 Top	 Paddle	 Doll

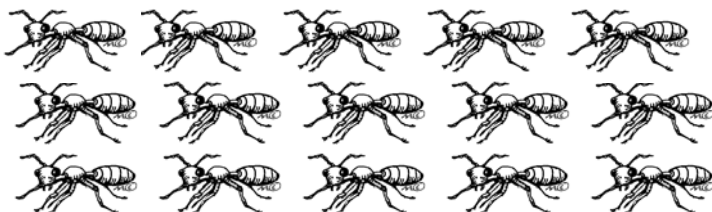
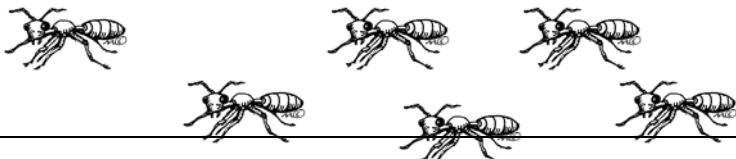
- | | |
|-------------------|---------------------|
| A. Horse and top | B. Doll and horse |
| C. Top and paddle | D. Horse and paddle |

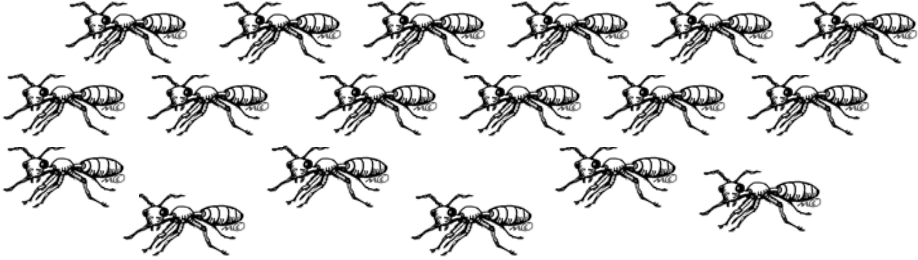
16. Mary has 2 boxes of crayons. Each box has 16 crayons. She has 4 more crayons than Patty. How many crayons does Patty have?

- | | |
|-------|-------|
| A. 28 | B. 29 |
| C. 32 | D. 19 |

Use the graph to answer question 17.



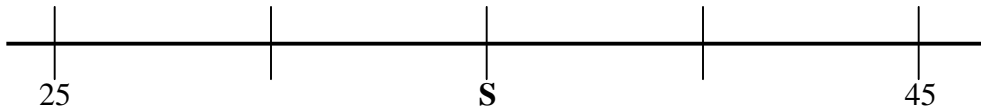
Ants in our Ant Farms	
Mary	
David	

Paula	

17. How many more ants does Mary have than David?

- A. 8
- B. 7
- C. 9
- D. 10

18. Look at this number line. What value does **S** have?



- A. 27
- B. 30
- C. 35
- D. 40

19. Count the money. How much do you have?

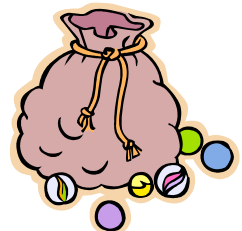


- A. \$0.12
- B. \$0.37
- C. \$0.52
- D. \$0.32

A.

20. Joe had 27 marbles. Then he won 45 more marbles. At his last game, he lost 18 marbles. How many marbles does he have now?

- A. 56
- B. 54
- C. 72
- D. 27



21. Patty jumped rope for 35 minutes. Then Patty ran for 10 minutes. Chris jumped rope for 27 minutes. How many more minutes did Patty jump rope than Chris?

- A. 45
- B. 18
- C. 8
- D. 9

22. What time is shown on the clock?

- A. 1:30
- B. 6:10
- C. 2:30
- D. 6:00



23. Frank cleans the cages of animals at the pet shop. He cleans the dogs' cages at 8:00. He cleans the birds' cages before that. He cleans the snakes' cages after he cleans the dogs' cages. Finally, he cleans the cats' cages. Which cages does he clean first?

- A. dogs
- B. birds
- C. snakes
- D. cats

24. Which number is greatest?

- A. 6 tens 13 ones
- B. 7 tens 2 ones
- C. 5 tens 24 ones
- D. 4 tens and 32 ones

25. Melissa ate two M&Ms every time her cousin ate 4 nuts. If her cousin ate 12 nuts and four raisins, how many M&Ms did Melissa eat?

- A. 2
- B. 4
- C. 6
- D. 8

26. Which set of numbers is arranged in order from greatest to least?

- A. 378, 387, 370, 308, 380
- B. 380, 387, 378, 370, 308
- C. 387, 380, 378, 308, 370
- D. 387, 380, 378, 370, 308

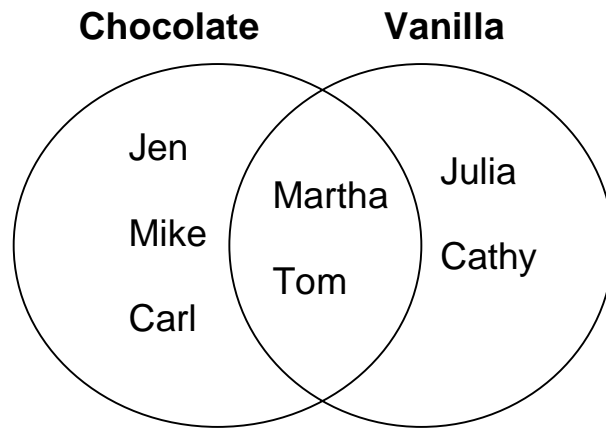
27. Sue used her blocks to make a pattern. She started with two black blocks, and then added 3 white blocks, 2 more black blocks, and three more white blocks and so on. She used a total of 45 blocks. How many of the blocks were white?

- A. 15
- B. 25
- C. 27
- D. 30

28. Jenny had some chocolates. Her mother gave her 13 more. Her dad ate 5 of them. Now Jenny has 29 chocolates. How many did she start with?

- A. 11
- B. 21
- C. 18
- D. 24

29. Students voted for their favorite ice cream. The results are shown below. How many children like vanilla ice cream?



- A. 3
- B. 5
- C. 4
- D. 2

30. Martha had 26 stickers. She buys 8 more and her mom gives her ten more. If she puts 4 stickers on each page of her album, how many pages does she need?

- A. 32
- B. 8
- C. 11
- D. 10