

CIE-USA/DFW

Math Competition 2010

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. Which one is in the circle?



- A. Fourth B. Fifth
C. Second D. Sixth

2. Which number completes the fact family?

$$8 + 7 = 15$$

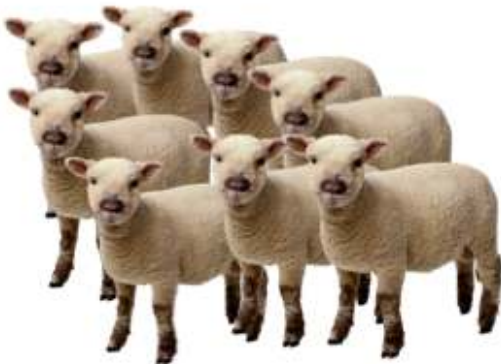
$$15 - 8 = 7$$

$$7 + 8 = 15$$

$$15 - 7 = \underline{\quad}$$

- A. 12 B. 8
C. 5 D. 7

3. Jim tends a flock of sheep. He must divide the flock in half.
How many lambs will be in each half?



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

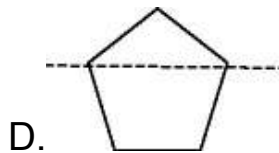
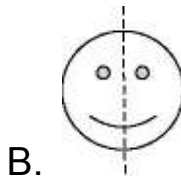
4. The first room is 3 meters wide. The second room was twice as wide. How wide was the second room?

- A. 5 meters B. 6 meters C. 4 meters D. 8 meters

5. Robert had 3 toy cars. Then he got some more. Now he has 10. How many cars did Robert get?

- A. 6 B. 7 C. 8 D. 9

6. Which shape shows a line of symmetry?



7. Jenifer ate three M&Ms every time her sister ate 4 nuts. If her sister ate 16 nuts and four raisins, how many M&Ms did Jenifer eat?

- A. 13 B. 14 C. 12 D. 15

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

A. 276, 267, 270, 207, 257

B. 276, 270, 267, 257, 207

C. 257, 267, 270, 276, 207

D. 207, 257, 267, 270, 276

9. Patty jumped rope for 47 minutes. Then Patty ran for 13 minutes. Chris jumped rope for 19 minutes. How many more minutes did Patty jump rope than Chris?

A. 32

B. 28

C. 18

D. 19

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



A. \$0.12

B. \$0.37

C. \$0.52

D. \$0.32



11. What time is shown on the clock?

A. 2:30

B. 6:10

C. 6:05

D. 1:30

12. Brad's tennis game started at 2:30. It took 2 hour to play. What time did it end?

A. 5:00

B. 4:00

C. 4:30

D. 5:30

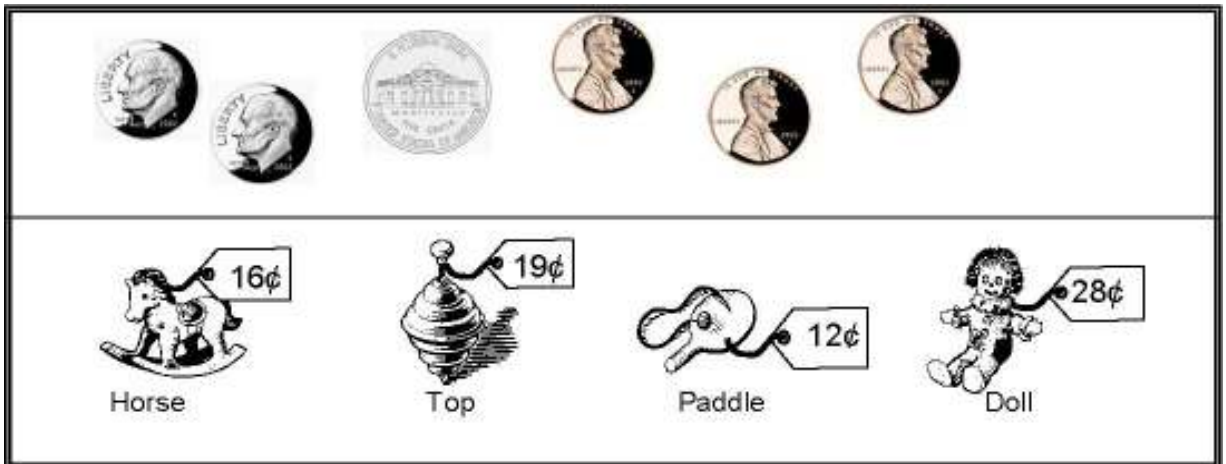
13. Mike buys 35 baseball cards. Later he buys 28 more cards. He gives 12 to his friend. How many cards does he have now?

- A. 51 B. 49 C. 50 D. 52

14. Jason and Mark put 90 cookies in three bags. If they put the same number in each bag, how many cookies in each bag?

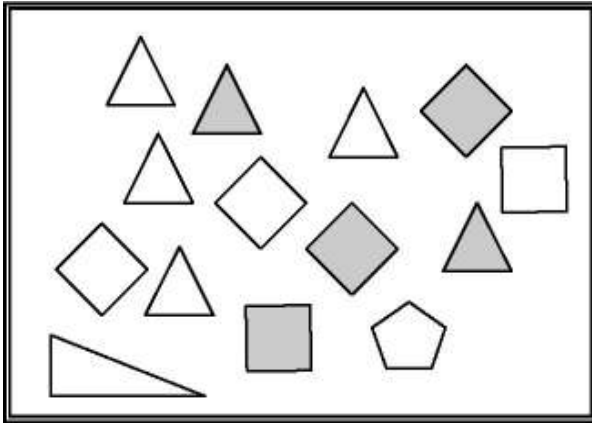
- A. 28 cookies B. 29 cookies
C. 30 cookies D. 31 cookies

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



- A. Top and paddle B. Paddle and horse
C. Top and horse D. Horse and doll

16. 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 B. 5 C. 3 D. 4

17. Mary has 2 boxes of crayons. Each box has 17 crayons. She has 5 less crayons than Patty. How many crayons does Patty have?

- A. 39 B. 40 C. 38 D. 42

18. Which is a way of showing 18 ?

- A. $36-17$ B. $10+4+5$

C. $46-26$

D.

19. 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

20. Kim was skip-counting her crayons by 6's. If the box has 70 crayons, what numbers did he say out loud?

- A. 1, 6, 12, 18, 24, 30, 36, 42, 48, 54, 60, 66
B. 6, 12, 18, 30, 36, 42, 48, 54, 60, 66
C. 6, 12, 18, 24, 30, 36, 42, 48, 54, 60, 66
D. 6, 12, 24, 30, 36, 42, 48, 54, 60, 66

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

Day	Food	How many?
Monday	Sandwich	15
Tuesday	Hamburger	19
Wednesday	Chicken Nuggets	27
Thursday	Hot dog	21
Friday	Hamburger	29

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

22. Tom writes a total of 40 words on 5 blank cards. He writes 9 words on each of the first 4 cards. How many words does Tom write on the last card?

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

23. Kate earned 13 stars. Jim earned 25 stars. How many more stars did Jim earn than Kate?

- A. 10 B. 12 C. 8 D. 14

24. Anna has 14 strawberries. She eats 5 of them. Which number sentence shows how many strawberries Anna has left?

- A. $14-5=8$ B. $14+5=19$
C. $14-5=9$ D. $14+5=18$

25. How many corners does this shape have?

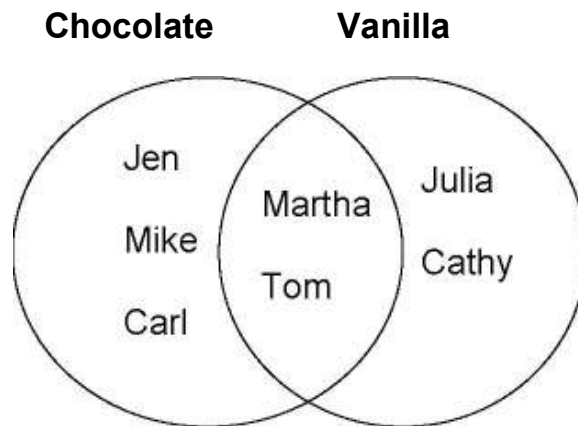


- A. 4 B. 8 C. 6 D. 10

26. Mary had some apples. Her mother gave her 11 more. Her dad ate 3 of them. Now Mary has 35 apples. How many did she start with?

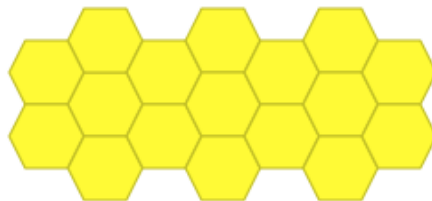
- A. 11 B. 21
C. 27 D. 14

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



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

28. How many honeycombs are in the picture?



- A. 18 B. 16 C. 15 D. 17

29. The tower is made up of two horizontal layers of cubes with no gaps. How many cubes are in the tower?



- A. 3 B. 4 C. 5 D. 6

30. Jenny had 35 stickers. She buys 9 more and her mom gives her 5 more. If she puts 7 stickers on each page of her album, how many pages does she need?

- A. 23 B. 8 C. 7 D. 10