



Spirit of Math.®

## February 2018 Grade One Mathematics Contest

Please observe the following instructions:

1. You have 30 minutes to write the contest.
2. The contest is multiple-choice with four choices for each question. Write the CAPITAL letter of the answer you choose on the line to the right of each question.
3. Each question answered correctly is worth one mark, and the sum of the correct answers is the score.
4. Marks are not taken off for wrong answers.
5. No calculators are allowed.

Student Name: \_\_\_\_\_

Score:     /20

1)  $5 + 7 + 5 + 3$   
 A) 10                      B) 20                      C) 30                      D) 40                      \_\_\_\_\_

2) Lucy is going to visit her Grandma in two days. If today is March 7<sup>th</sup>, when will Lucy see her Grandma?  
 A) March 7<sup>th</sup>              B) March 9<sup>th</sup>              C) April 15<sup>th</sup>              D) May 4<sup>th</sup>                      \_\_\_\_\_

3) Peter saw seven birds at the park. He counted all their legs. How many legs did he count?  
 A) 10                      B) 12                      C) 14                      D) 28                      \_\_\_\_\_

4) Eva is making a necklace using beads with different letters on them. Her pattern so far is  $\sim E \sim V \sim A \sim E \sim V \sim A \sim$ . If she continues in this way what will be the next three letters on the beads?  
 A) AVE                      B) EVA                      C) VAE                      D) VEA                      \_\_\_\_\_

5) The number two thousand eighteen is the same as:  
 A) 218                      B) 2008                      C) 2018                      D) 2080                      \_\_\_\_\_

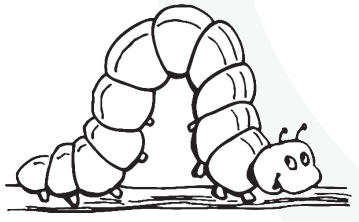
6) Bonnie the Bunny wants to cut a carrot into six pieces for her baby bunnies. If she makes only parallel cuts, how many cuts will she have to make for the baby bunnies?



A) 5                      B) 6                      C) 7                      D) 12                      \_\_\_\_\_

7) Marci gets home from school at 3:30 p.m. Her mom gets home from work at 6:30 p.m. How long does Marci have to wait to see her mom?  
 A) 4 hours                      B) 3 hours                      C) 2 hours                      D) 1 hour                      \_\_\_\_\_

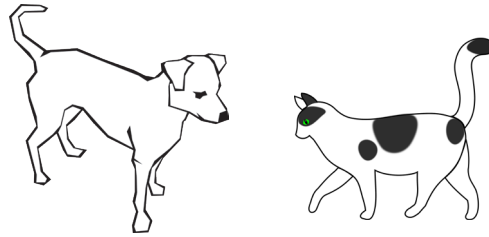
8) Jasmine the Caterpillar is crawling along a branch. What equipment would you use if you want to know how far she traveled?



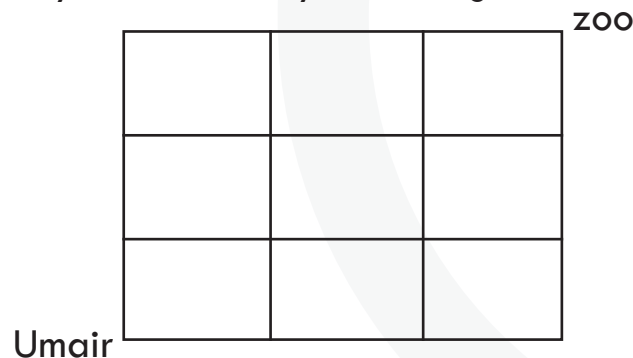
A) A thermometer    B) A stopwatch    C) A ruler                      D) A weight scale                      \_\_\_\_\_



- 9) Allison has a pet dog and a pet cat. One of them is not the dog. What is the other one?



- A) The hamster    B) The fish    C) The dog    D) The cat    \_\_\_\_\_
- 10) There were 10 coconuts in the tree. The wind blew, and all but 4 fell to the ground. How many coconuts are still in the tree?  
A) 14    B) 10    C) 6    D) 4    \_\_\_\_\_
- 11) It is spring and 12 tulips are blooming. Every tulip has red, yellow, or both colours on its petals. Seven tulips have red petals. Nine tulips have yellow petals. How many tulips have both colours?  
A) 4    B) 7    C) 9    D) 16    \_\_\_\_\_
- 12) Carl was helping his father clean the inside of his car. He found two dimes (10-cent coin), one quarter (25-cent coin) and one nickel (5-cent coin). How much money did Carl find?  
A) 10 cents    B) 15 cents    C) 40 cents    D) 50 cents    \_\_\_\_\_
- 13) A wagon can hold three children. If there are four wagons and all of them are full, how many children are there?  
A) 3    B) 4    C) 7    D) 12    \_\_\_\_\_
- 14) Umair wants to go to the zoo. If he can only travel north and east on a  $3 \times 3$  grid, how many different ways can he go?



- A) 40    B) 35    C) 30    D) 20    \_\_\_\_\_

15) Here are four numbers: 5, -2, 12, 0. If you list them from smallest to largest, what number will be the second largest?

- A) 0                      B) -2                      C) 5                      D) 12                      \_\_\_\_\_

16) Mary is twice as old as Macy. Macy is five years older than Mark. Mark is 10 years old. How old is Mary?

- A) 10                      B) 15                      C) 20                      D) 30                      \_\_\_\_\_

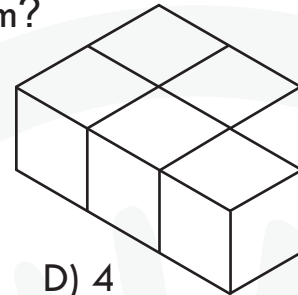
17) Yousef loves his sock collection. Last week, he wore a different **PAIR** of socks every day. How many socks did he wear in total?

- A) 7                      B) 9                      C) 14                      D) 16                      \_\_\_\_\_

18) Andrew has 24 candies. He gives six to his brother and four to his sister. He gives half of what is left to his friend David. How many did he give to David?

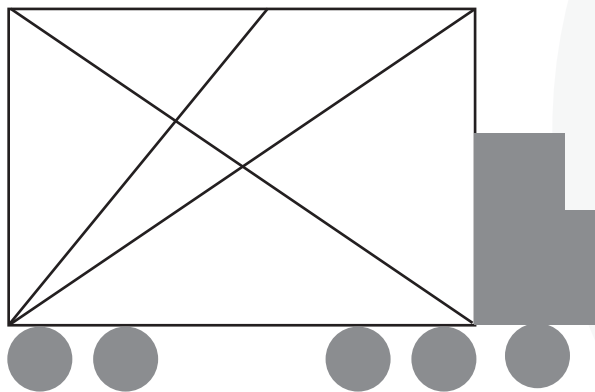
- A) 2                      B) 7                      C) 14                      D) 24                      \_\_\_\_\_

19) Five blocks have been glued together (as shown in picture). How many blocks have at least two faces that have glue on them?



- A) 1                      B) 2                      C) 3                      D) 4                      \_\_\_\_\_

20) How many triangles of all sizes are on the trailer?



- A) 10                      B) 13                      C) 14                      D) 15                      \_\_\_\_\_