



Spirit of Math[®]

s c h o o l s

February 2014 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) $2 + 7 + 3 + 8 =$
A) 12 B) 20 C) 30 D) 50 _____
- 2) $0 \times 99 =$
A) 0 B) 9 C) 99 D) 100 _____
- 3) How many days are there in January?
A) 20 B) 30 C) 31 D) 32 _____
- 4) I have a quarter and a dime. One of them is not a dime, what is the other one?
A) Dime B) Nickel C) Penny D) Quarter _____
- 5) Mother bird wants to feed her 9 babies with one long worm! How many parallel cuts must she make so each baby gets a piece?
A) 8 B) 9 C) 10 D) 11 _____
- 6) What is the sum of -5 and -6?
A) -11 B) -1 C) 1 D) 11 _____
- 7) How many tens are in 29?
A) 0 tens B) 2 tens C) 9 tens D) 29 tens _____
- 8) Sixteen students took the school bus to school. All but 9 of them stayed awake. How many fell asleep?
A) 7 B) 8 C) 9 D) 16 _____



9) Katie slept for one whole day! How many hours did she sleep?

- A) 12 B) 24 C) 36 D) 48

10) Joanna ate $1\frac{1}{2}$ pizzas! Which picture shows that fraction?

- A)  B)  C)  D) 

11) The number of sides in an equilateral triangle + the number of sides in a parallelogram =

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

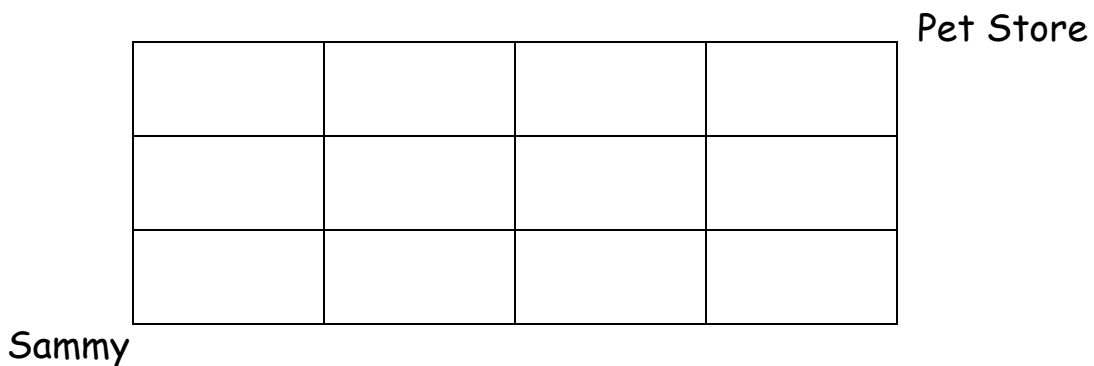
12) Simon was 6 years old in 2006. He is 10 years old now. What year is it now?

- A) 2006 B) 2009 C) 2010 D) 2011

13) Laura sewed one dozen **pairs** of socks. How many socks did she sew?

- A) 6 B) 12 C) 24 D) 48

14) Sammy likes to walk his dog after school from his house to the pet store. The roads from his house to the pet store make a 3 x 4 grid. How many different pathways can Sammy take if he can only go north (up) and east (right)?



- A) 5 B) 25 C) 35 D) 45



15) What 2 numbers come next in this pattern?
2, 4, 6, 10, 16, _____, _____

- A) 18, 20 B) 26, 28 C) 26, 32 D) 26, 42

16) Sofia read 11 pages in her new book *Teaching Your Dog Cool Tricks*. If she started at the top of page 15, on what page did she end?

- A) 4 B) 21 C) 25 D) 27

17) All of the 26 students in Mrs. Wong's class like ice cream. Twenty-one like strawberry, 15 like chocolate and 10 like both. How many students like **ONLY** strawberry ice cream?

- A) 5 B) 10 C) 11 D) 20

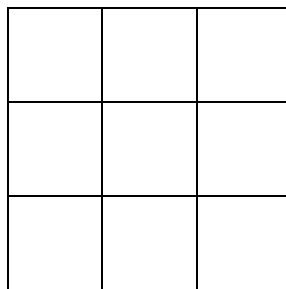
18) Kate is twice as old as Karen. Karen is 3 years older than Katherine. Katherine is 5 years old. How old is Kate?

- A) 5 B) 12 C) 14 D) 16

19) Katie has 4 erasers, Ashley has 8 erasers, and Joanna has none. If they share all the erasers equally among the 3 of them, how many erasers would each get?

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

20) How many squares of all sizes are in this picture? (squares **only**, NOT rectangles)



- A) 7 B) 10 C) 12 D) 14

