February 2017
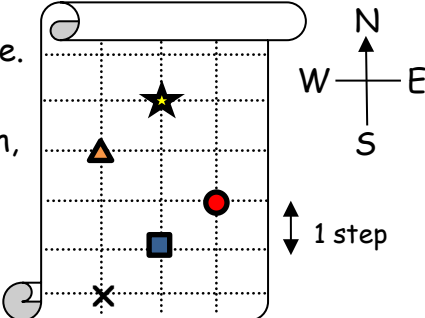# Grade One Mathematics Contest

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.
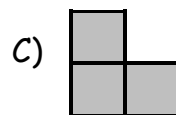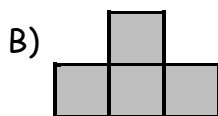
5) No calculators are allowed.

Student Name: _____

Score: / 20

1) 4 + 9 + 6 + 1 =

   A) 5   B) 10   C) 15   D) 20

2) 8 + 2 + 2 + 2 – 2 – 2 =

   A) 8   B) 10   C) 12   D) 14

3) 14 – 2 is the same as

   A) 14 + 2   B) 14 + 0   C) 14 – 1 – 1   D) 14 – 4

4) David has two dogs, a brown one and a black one.
   One of the dogs is not brown, what colour is the other one?

   A) Brown   B) Black   C) White   D) Grey

5) Nathan is using red and blue paint to paint 10 toy cars. He paints 5 with blue paint and 7 with red paint. How many toy cars does he paint with both colours?

   A) 2   B) 3   C) 5   D) 8

6) Look at the pattern: ✋ ☺ ✋ ☺ ☺ ✋ ☺ ☺ ☺✋ ☺ _ _ _ What shapes come next?

   A) ☺ ☺ ☺   B) ☺ ☺ ✋   C) ☺ ✋ ☺   D) ✋ ☺ ☺

7) Daniel's birthday is 3 days after 1 day before July 10. What date is Daniel's birthday?

   A) July 9   B) July 10   C) July 11   D) July 12

8) The pirates have hidden their treasure. The treasure is found by starting at the letter '✗' then going 3 steps north, 2 steps east and 1 step south. What shape is the treasure hiding behind?

   A) Circle   B) Square   C) Star   D) Triangle

9) Frank saw 5 birds at the park. All but 2 birds sat in a tree. How many birds sat in a tree?

A) 2   B) 3   C) 4   D) 5

10) Lucky Lucy found some money under the couch cushions. She found 1 nickel, 2 quarters and 3 dimes. How much money did she find in all?

A) 40¢   B) 65¢   C) 70¢   D) 85¢

11) 3×5 is the same as

A) 3 + 3 + 3   B) 5 + 5 + 5   C) 3 + 5   D) 5 + 3

12) How many *different* digits does the number 2117 have?

A) 1   B) 2   C) 3   D) 4

13) The sum of two numbers is 10. When you subtract these same two numbers the difference is 4. The two numbers could be:

A) 1 and 9   B) 2 and 8   C) 3 and 7   D) 4 and 6

14) Thomas is going to share his long birthday cake with 4 friends. If Thomas makes only parallel cuts in his cake, how many cuts will he need to make so that each person gets 2 pieces?

A) 4   B) 5   C) 8   D) 9

15) Emily saw 6 birds and 5 dogs at the park. She counted all of their legs. How many legs did she count in all?

A) 32   B) 28   C) 22   D) 11

16) Daniel has two pieces of a puzzle that fit together to make a rectangle. If this is one of the pieces, what is the other piece?

A)   B)   C)   D)

17) David baked 24 cupcakes. He put them into boxes but each box only held 5 cupcakes. How many boxes did David need?

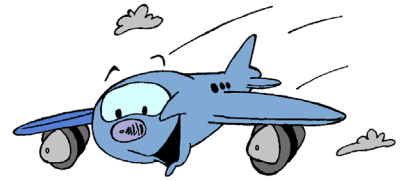A) 4   B) 5   C) 6   D) 7

18) This clock is missing its numbers. What time is it?
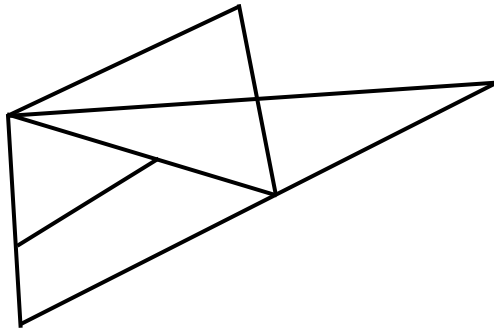
A) 1:35   B) 5:55   C) 7:05   D) 11:25

19) Arlie the airplane was flying 100 metres above the ground. He went up 5 more metres, then he went down 10 metres, then he went up 15 metres, then he went up another 5 metres and then he went down 10 metres. How many metres high is Arlie above the ground?

A) 105   B) 120   C) 130   D) 145

20) How many triangles of all sizes are there in total?

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