



Calgary Elementary School Mathematics Contest

April 25, 2012

LEVEL-1 CONTEST

First Name: _____

Last Name: _____

School: _____

MARKERS USE ONLY	
Part A _____×5	
Part B _____×6	
Part C _____×8	
Total	

PART A: Circle the correct answer. Each correct answer is worth **5 points**.

1. $15 + 25 + 35 + 45 + 55 = 5 + 15 + 25 + 35 + 45 + ?$

- (a) 10 (b) 30 (c) 50 (d) 70

2. $2 \times 1000 + 1 \times 10 + 2 \times 1 = ?$

- (a) 212 (b) 2012 (c) 2102 (d) 2120

3. Which of the following is the greatest number?

- (a) $2 + 0 + 1 + 2$ (b) $2 \times 0 \times 1 \times 2$ (c) $(2 + 0) \times (1 + 2)$ (d) $(2 \times 0) + (1 \times 2)$

4. The next number in the sequence 1, 1, 2, 3, 5, 8, 13, ... is

- (a) 15 (b) 17 (c) 19 (d) 21

5. $(3 + 4)^2 = ?$

- (a) 49 (b) $3^2 + 4^2$ (c) 14 (d) 9

6. There are 10 chickens and 5 sheep in a cage. How many legs are there?

- (a) 15 (b) 30 (c) 40 (d) 60

7. A toy that I bought cost me 2 toonies, 3 loonies, 4 quarters and 15 nickels. I could have paid with _____ quarters.

- (a) 24 (b) 35 (c) 38 (d) 47

8. I bought some candies on Friday. I ate half of them right away, and ate 10 more on Saturday. There were only 5 left for Sunday. How many candies did I buy?

- (a) 20 (b) 25 (c) 30 (d) 35

9. In a race competition, I finished 5th. I was also 5th when counted from the last. If there were no ties, how many kids were in the race?

- (a) 8 (b) 9 (c) 10 (d) 11

10. Mary has 41 cents in coins. No two coins have the same value. How many coins does Mary have?

- (a) 4 (b) 5 (c) 6 (d) 7

PART B: Circle the correct answer. Each correct answer is worth **6 points**.

11. In what month does the 200th day of the year occur?

- (a) May (b) June (c) July (d) August

12. Note that $2 \times 3 \times 4 \times 5 \times 10 = 1200$. This has two zero-digits. How many zero-digits are there in the product $20 \times 30 \times 40 \times 50 \times 100$?

- (a) 2 (b) 5 (c) 6 (d) 7

13. A triangle can intersect a circle in at most

- (a) 2 points (b) 4 points (c) 6 points (d) 8 points

14. Which of the following is not a prime number?

- (a) 41 (b) 51 (c) 61 (d) 71

15. Bob is 14 years old, and his sister Mary is half of that, i.e. 7 years old. How old will Bob be when Mary is 14 years old?

- (a) 14 (b) 21 (c) 28 (d) 35

PART C: Circle the correct answer. Each correct answer is worth **8 points**.

16. How many triangles are in the figure?

- (a) 13
(b) 12
(c) 10
(d) 9



