

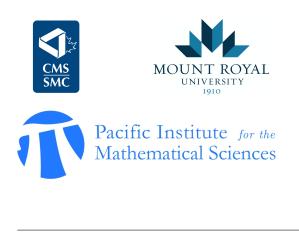
Third Annual Calgary Elementary School Mathematics Contest April 30, 2014

LEVEL-1 CONTEST

Instructions:

- Write your name, student ID and school name on the separate answer sheet.
- You have 50 minutes to answer the 20 questions.
- Record your answer for each question on the separate answer sheet.
- There is no penalty for incorrect answers, so answer every question.
- Good luck!

Sponsors:



PART A: Record the correct answer on the separate answer sheet. Each correct answer is worth **5 points.**

- 1. Sharon at 3/5 of a 250 gram chocolate bar. How many grams did she eat?
 - (a) 100g (b) 150g (c) 175g (d) 200g
- 2. Which has a value different from 2014?
 - (a) 2014 + 0 (b) 2014 1 (c) 2014×1 (d) 2014/1

3. Which of the following products is odd?

(a) 325×27 (b) 632×86 (c) 521×236 (d) 64×83

4. Chris bought items that cost \$1.25, \$2.75, and \$2.50. How much change should Chris receive when paying with a \$10.00 bill?

(a) 3.25 (b) 3.50 (c) 3.75 (d) 6.50

5. Tom has 2 quarters, 3 dimes, 5 nickels and 2 pennies. How much money does he have?

(a) 0.87 (b) 0.92 (c) 1.02 (d) 1.07

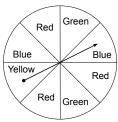
- 6. The largest number in the list $\{2.020, 2.002, 2.202, 2.200\}$ is
 - (a) 2.020 (b) 2.002 (c) 2.202 (d) 2.200
- 7. The next number in the sequence $\{1, 3, 7, 13, 21, \ldots\}$ is
 - (a) 37 (b) 35 (c) 33 (d) 31
- 8. My watch reads 7:47. What will my watch read 3 hours and 15 minutes later?

(a) 10:02 (b) 10:62 (c) 11:02 (d) 11:47

9. 1/3 + 1/9 + 1/27 = N. What is N?

(a) 13/27 (b) 15/27 (c) 17/27 (d) 19/27

- 10. If the arrow is spinning, on which color is it most likely to stop?
 - (a) Red
 - (b) Green
 - (c) Blue
 - (d) Yellow



(b) 11cm (b) 11cm (b) 11cm (c)	The perimeter (c) 22cm ples than And many apples of (c) 10 a kilogram of each friend rec	The length of on or of the rectangl (d) 24cm dy. Together the does Betty have? (d) 12 of chocolate with or himself). How ceive? (d) 175g	fan sist (a) 17. Wh the (a)	nily if ϵ ter? 2 hat is t	each child ha	(c) 4	children in San ne brother and o (d) 5 ngles of any size (d) 6
s 3 more ap pples. How (b) 8 red 5/8 of equally (ka colate did e	ples than And many apples of (c) 10 a kilogram of eeping none for each friend rec	 dy. Together they does Betty have? (d) 12 of chocolate with or himself). How ceive? 	17. Wh the	hat is t e diagra	he total num am below.	ber of recta	ngles of any size
(b) 8 (c) 8 red 5/8 of equally (ke colate did e	 many apples of (c) 10 a kilogram of eeping none for each friend recommendation 	does Betty have? (d) 12 of chocolate with or himself). How ceive?	the (a)	e diagra	am below.		
(b) 8 red 5/8 of equally (ke colate did e	(c) 10 a kilogram o ceping none fo ceach friend rec	(d) 12 of chocolate with or himself). How reive?		12	(b) 10	(c) 7	(d) 6
equally (ke colate did e	eeping none fo each friend rec	or himself). How ceive?		12	(b) 10	(c) 7	(d) 6
(b) 125e	(c) $150g$	(d) 175g	10 57				
() 98			nun 4 t fini	mber o times a	of students as large as	who finishe the number	g in a race. T ed behind Jodi of students v ch place did J
		books. Ann give many books doe		8	(b) 9	(c) 10	(d) 11
(b) 34	(c) 35	(d) 36			the number of three even		n be written a
			(a)	44	(b) 46	(c) 48	(d) 50
the left mo ns are place	st box. In the ed and so on u	next box twice a until the last box	20. A dig	gits allo m $\{1, 2$	owing repeti 2,3}. How	tions. If the	e digits are cho
~	(c) 56	(d) 62			(b) 18	(c) 9	(d) 6
t] ns	he left mos s are place	he left most box. In the s are placed and so on coins are there altogeth	five empty boxes in a row. Two coins are he left most box. In the next box twice as s are placed and so on until the last box. coins are there altogether? (b) 48 (c) 56 (d) 62	he left most box. In the next box twice as s are placed and so on until the last box. coins are there altogether?20. A dig from tion(b) 48(c) 56(d) 62	 a left most box. In the next box twice as are placed and so on until the last box. digits allow from {1, interval of the sector of th	he left most box. In the next box twice as a are placed and so on until the last box. coins are there altogether?20. A lock combination is digits allowing repeti from {1, 2, 3}. How tions are there?(b) 48(c) 56(d) 62	he left most box. In the next box twice as a are placed and so on until the last box. coins are there altogether?20. A lock combination for a bicycle digits allowing repetitions. If the from {1,2,3}. How many differ tions are there?(b) 48(c) 56(d) 62