

St. Jude's Academy Pre-screen Language and Math Tests

Part One: READING TEST

Instructions: Please read the passage below and answer the five questions on the next page.

A Huge Mural Marks a Graffiti Philosophy in Montreal

They are graffiti artists. They spray-paint buildings. And they are paid by taxpayers.

Their latest work, *Our Lady of Grace*, unveiled in November 2011, transformed a dingy, beige brick wall in Montreal's west end into a six-storey canvas that hundreds now stop to admire.

While Montreal can be tough on illegal graffiti and tagging, the city has developed a relationship with graffiti artists, who are adamant that their genre is legitimate. "It's the same as a paintbrush, and we are showing our talent," said the artist who only gave his name as Fluke.

Beginning in 2006, Montreal budgeted \$1.2 million to attack the problem of graffiti. That includes about \$150 000 for murals. The *Our Lady of Grace* fresco cost the city \$26 000 and took 400 cans of spray paint to complete. The mural shows the lady in a flowing robe, surrounded by scenes of the urban landscape and reminders—such as Caribbean birds—of the multicultural character of the area.

New murals are going up regularly in Montreal. In August and September 2011, walls honouring singer, songwriter and actor Raymond Levesque and jazz artist Oscar Peterson went up.

"We turn an energy that might be negative into one that's positive," said an executive from the mayor's office.

Still, Fluke worries about his art form. Old factories are turning into condos. Politicians crack down looking for votes. "Graffiti as a subculture is growing dramatically, but we have less space to do it. [Murals] like this allow our voice to be heard," he said.

Part One: READING TEST *continued*

Give what you believe are the best answers to the following questions regarding the story from the previous page:

- 1) **Why did Montreal establish a relationship with graffiti artists?**
a to deal with vandalism
b to help politicians gain votes
c to honour famous entertainers
d to introduce citizens to local art
- Answer #1** _____

- 2) **Which word is closest in meaning to “adamant” as used in paragraph 3?**
a critical
b insistent
c annoyed
d surprised
- Answer #2** _____

- 3) **What feature of *Our Lady of Grace* reflects an aspect of the neighbourhood’s diverse population?**
a the work’s title
b the urban location
c the Caribbean birds
d the use of spray paint
- Answer #3** _____

- 4) **How is the information in paragraph 7 organized?**
a cause and effect
b question and answer
c comparison and contrast
d statement and explanation
- Answer #4** _____

- 5) **What is the main idea of this selection?**
a Artwork is very expensive.
b Artists require lots of space.
c Co-operation reduces conflict.
d Interest groups block progress.
- Answer #5** _____

Part Three: MATH TEST

Instructions: Put your answer for each question in the blank(s) or chart provided. You are permitted to use a calculator for this test.

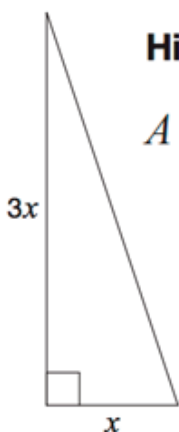
- 1) What is the value of the expression below:

$$\frac{5(-18 + 12)}{-4 + 1}$$

- a 10
- b 6
- c -6
- d -10

Answer #1 _____

- 2) Luke designs a garden in the shape of a right triangle as shown below.



Hint:

$$A = \frac{1}{2}bh$$

The total area of the garden is 96 m²

Which is closest to the value of x in the diagram?

- a 6 m
- b 8 m
- c 32 m
- d 64 m

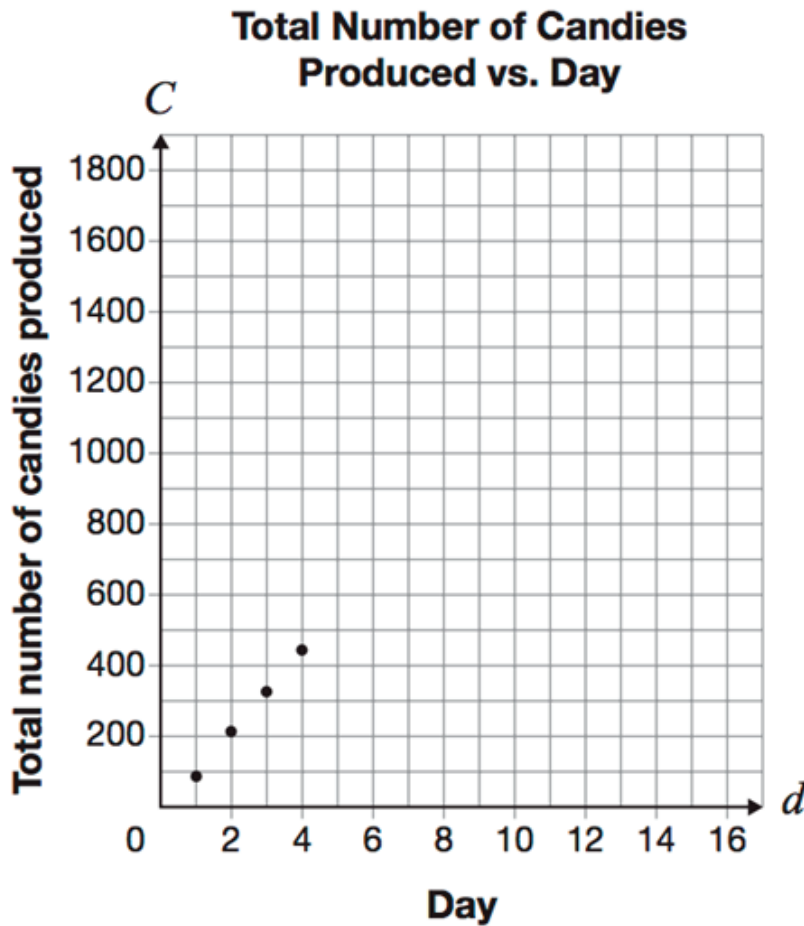
Answer #2 _____

- 3) Dechen has a candy-making business. The graph on the next page shows the total number of candies his business has produced by the end of each day for the first four days.

If this trend continues, which of the following points represents a day with more candies produced than expected?

- a (5, 500)
- b (9, 850)
- c (10, 1300)
- d (14, 1400)

Answer #3 _____



4) Complete the table below:

Fraction	Decimal	Percentage
$\frac{3}{5}$		
	0.2	
		35%

5) Danny bought a total of 20 game cards some of which cost \$0.25 each and some of which cost \$0.15 each. If Danny spent \$4.20 to buy these cards, how many cards of each type does he buy?

Answer #5 _____ \$0.25 cards
 _____ \$0.15 cards

Part Four: CRITICAL THINKING TEST

Instructions: Please use the space provided below to answer the following three questions.

- 1) A bat and ball cost \$1.10.
The bat costs one dollar more than the ball.

How much does the ball cost?

Answer #1 _____

- 2) **Which weighs more – 100 pounds of feathers, or 100 pounds of quarters?**

Answer #2 _____

- 3) A boat has a ladder that's ten feet long, and hangs off the side of the boat, with its last two feet submerged in water. **If the ocean tide rises five feet, how much of the ladder will be underwater?**

Answer #3 _____

You have reached the end of the test.

Please scan or photograph each page and submit your answers as a single document in either Microsoft Word or PDF format.

You can import your scans or photos into Microsoft Word to make a single document, or you may use a program with which you are familiar to save all six pages as a single PDF document.

Please label your answer document with your name such as "John Doe Test Answers."
Thank you.