

Grade 9 EQAO Questions (from the 2010-2011 Academic Assessment)

- align w/ Gr. 8 NSN Proportional Relationships expectation(s)

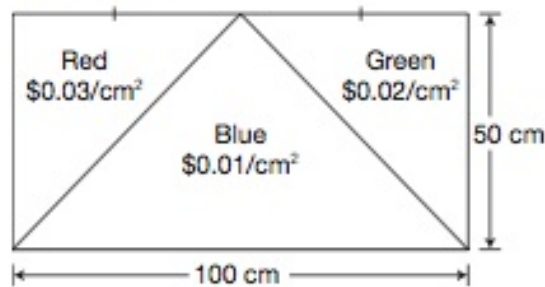
- 21** Nate buys a video-game system.
- The system costs \$300.
  - Games cost \$60 each.
  - He pays 13% tax on the system and on each game.
  - He has \$850 in total to spend.

After he pays for the system, how many games is Nate able to buy?

- a exactly 12
- b exactly 9
- c no more than 7
- d no more than 3

- 26** Pablo is designing a rectangular flag that consists of three coloured triangles.

The picture below shows the colours of the triangles and the cost of each colour of material.



What is the total cost of the material?

- a \$75.00
- b \$87.50
- c \$150.00
- d \$175.00