

SATEC @ W.A. Porter CI Entrance Test – Math Sample Questions

Short Answers

Please put your final answer in the box provided.

ONLY ANSWERS IN THE BOX WILL BE MARKED!!!

1. Canada Computers is having a sale on extra RAM. Ronnie calculates that the sale price of RAM is \$5.45/mb . How much will Kareem pay for 10.8 mb of extra RAM?

2. Write an algebraic expression, using the variable n , for the expression “four times a number, minus one”.

3. Many people are trying to reduce their carbon footprint. Amrita’s carbon footprint this year was 85% of last year’s footprint. If her carbon footprint this year is 34 tonnes, what was her carbon footprint last year?

Open Answer

Please show all of your work in the space below. Please present and organized and complete solution.

A garden will be made up of a parallelogram, a rectangle and a triangle. The garden must have an area of 500m^2 . Draw two possible gardens. Determine the dimensions of each part of the garden, and justify your choice of these dimensions.