

Name \_\_\_\_\_

Date \_\_\_\_\_

## Area and Perimeter - Mixed Questions 1

- 1) A piece of wire is bent to form a square with an area of 81 sq. cm.  
Find a) the length of one side of the square; \_\_\_\_\_ cm  
b) the perimeter of the square \_\_\_\_\_ cm
- 2) A piece of wire is bent to form a square with an area of 144 sq. cm.  
What is the a) length of one side of the square \_\_\_\_\_ cm  
b) perimeter of the square? \_\_\_\_\_ cm
- 3) How many 2cm by 5cm tiles will it take to cover a table top which is 2m by 50cm? \_\_\_\_\_ tiles
- 4) How many pieces of card 4cm by 5 cm will it take to cover a bigger piece which measures 3 m by 1m ? \_\_\_\_\_ pieces of card
- 5) A room is 3 times as long as it is wide. If its perimeter is 160 m, calculate its  
a) width \_\_\_\_\_ m      b) length \_\_\_\_\_ m      c) area \_\_\_\_\_ m<sup>2</sup>
- 6) A piece of card is 5 times as long as it is wide. Its perimeter is 288 cm.  
What is its  
a) width \_\_\_\_\_ cm      b) length \_\_\_\_\_ cm      c) area? \_\_\_\_\_ square cm