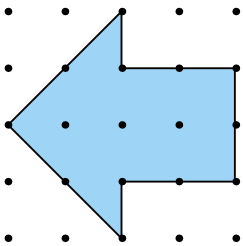
Chapter Review

LESSON

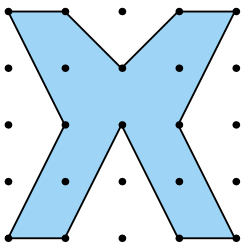
1

1. Estimate and then measure the area of each polygon in square units.

a)



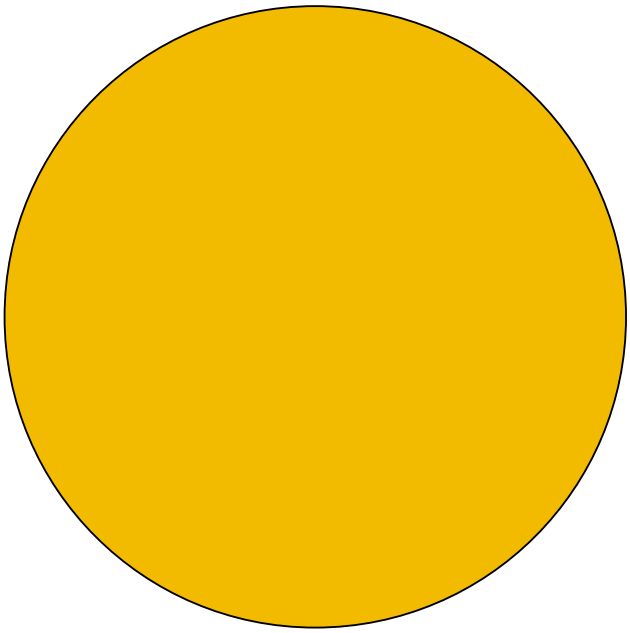
b)



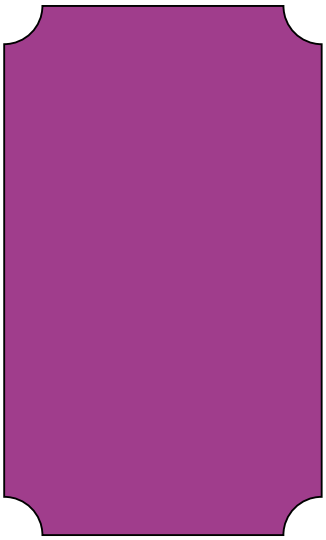
2

2. Measure the area of each shape to the nearest square centimetre. Describe the strategy you used.

a)



b)



3

3. Sebastian made a rectangle with 1 cm^2 square tiles. The rectangle has a perimeter of 40 cm.

a) Create a table to show the possible lengths and widths of the rectangle.

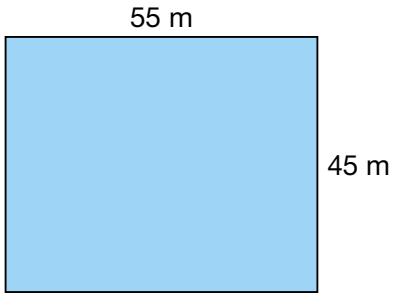
b) Calculate the area of each rectangle.

c) What are the length and the width of the rectangle with an area of 96 cm^2?

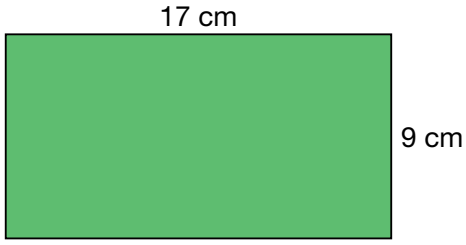
4

4. Calculate each area. Use the rule for the area of a rectangle. Show your work.

a)



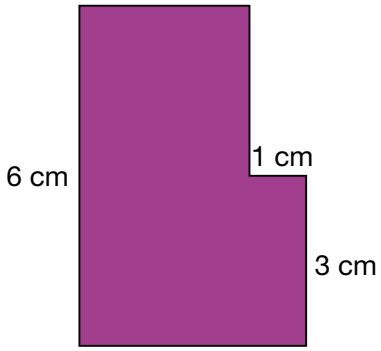
b)



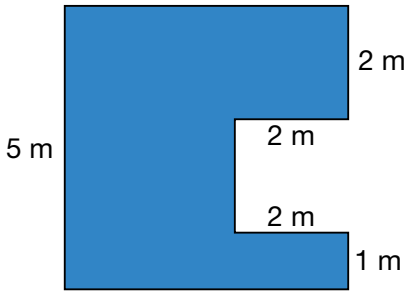
5

5. Calculate the area of each shape. Show your work.

a)



b)



6

6. A park with mountain-bike trails is a rectangle with a length of 22 km and a width of 15 km.

a) What is the area of the park?

b) Draw a model of the park using this scale: 1 cm represents 1 km.

c) What is the area of your model?

7

7. Give the coordinate pairs and instructions needed to describe this rocket shape.