



Name: _____

Date: _____

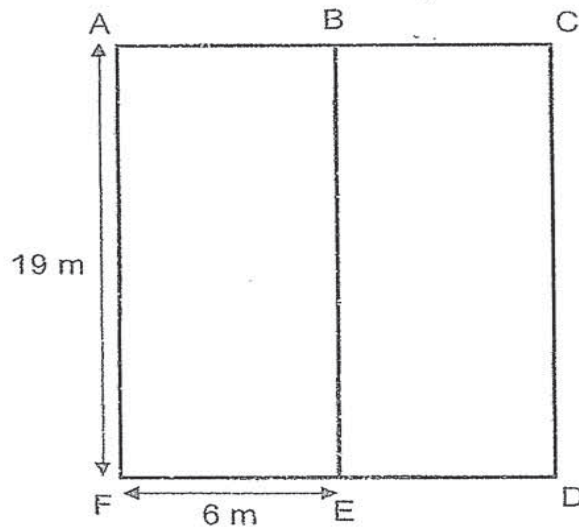
P4 Problem Sum Worksheet

Topic : Area and Perimeter

Topic 1: Simple area and perimeter – Question 1

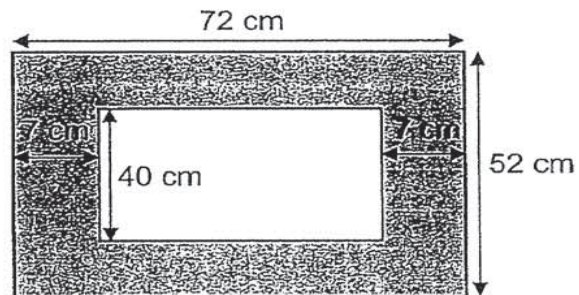
The figure below is made up of two identical rectangles, ABEF and BCDE.
AF is 19 m long and FE is 6 m long.

- a) Find the length of AC.
- b) Find the area of rectangle ACDF.



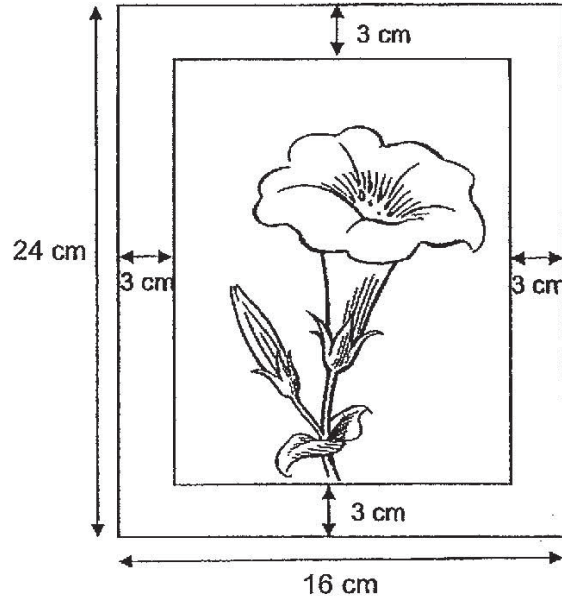
Topic 2: Complex area and perimeter – Question 1

John had a grey piece of paper, measuring 72 cm by 52 cm. He cut out a rectangle in the middle of the paper as shown in the diagram below. What area of the paper was not cut out by John?



Topic 2: Complex area and perimeter – Question 2

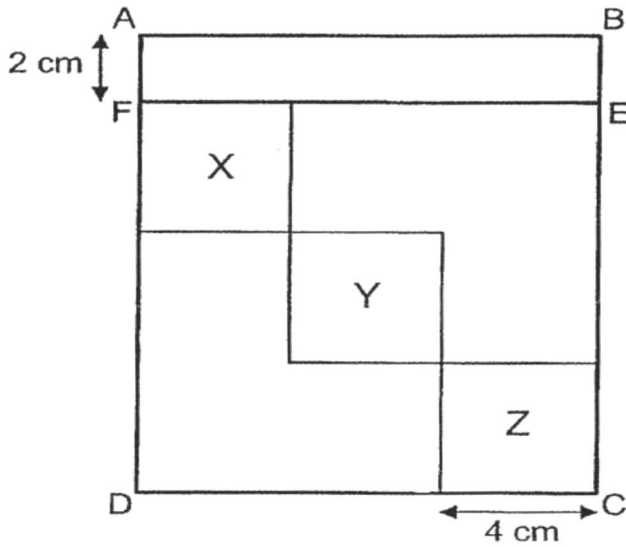
The figure below shows a rectangular photograph mounted on a rectangular cardboard. What is the area of the photograph?



Topic 2: Complex area and perimeter – Question 3

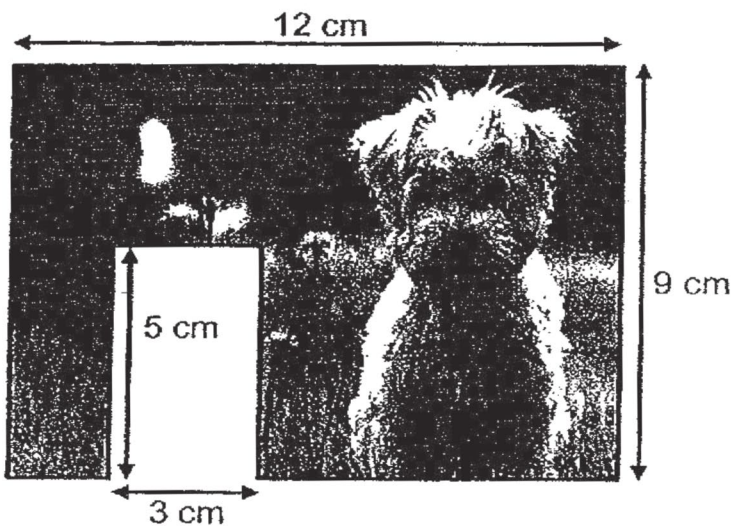
In the figure below, $ABEF$ is a rectangle and $FECD$ is a square. X , Y and Z are 3 identical squares inside square $FECD$. AF is 2 cm and the side of square Z is 4 cm.

- (a) Find the length of AD .
- (b) Find the area of square $FECD$.



Topic 2: Complex area and perimeter – Question 4

Lilian has a picture 12 cm by 9 cm.
She cuts out a rectangular piece 5 cm by 3 cm from the picture.
What is the area of the picture left?



Topic 3: Find length of square given the area – Question 1

The figure below, not drawn to scale, is made up of rectangle ABCD and square BFGH. Square BFGH has an area of 49 cm^2 . The length of AE is 14 cm .
What is the area of the shaded part?

