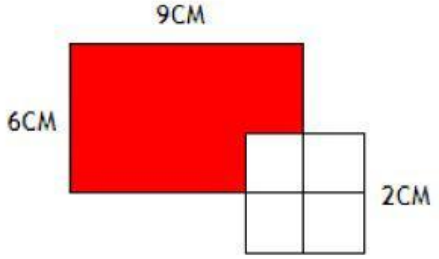
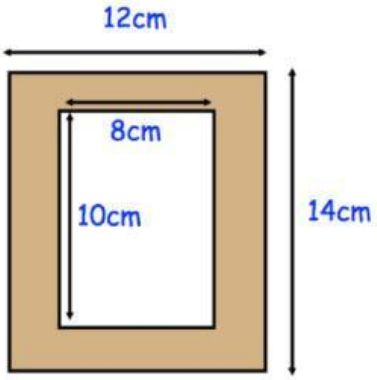
AREAS OF SQUARES AND RECTANGLES

The square has a side of 2 cm and the rectangle has a length of 9 cm and a width of 6 cm. What is the area of the red zone?



_____

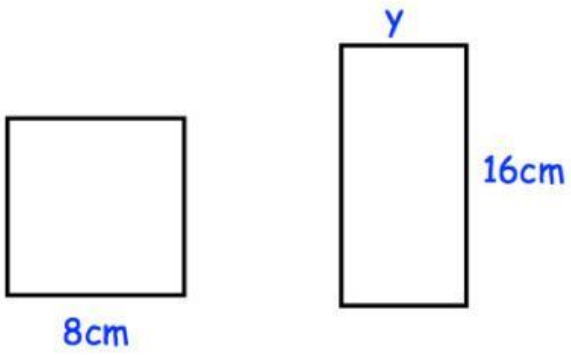
Shown below is a wooden picture frame. Work out area of shaded region.



_____ sq cm

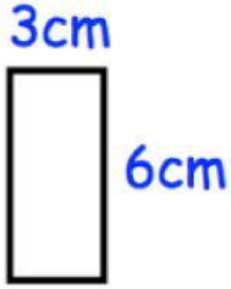
Shown below is a square and a rectangle.

The square and rectangle have the same area. Find the y.

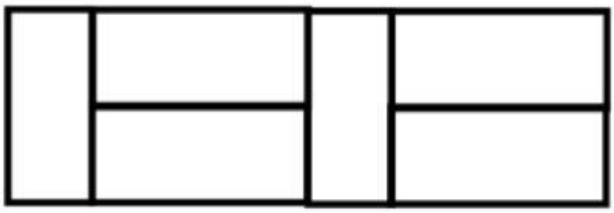


_____ cm

Shown below is a rectangle is 3cm by 6cm.



Six of the rectangles are used to make a larger rectangle .Work out the area of the larger rectangle

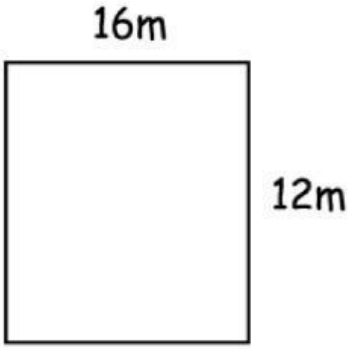


_____ sq cm

LIVEWORKSHEETS

The Jessica wants to lay artificial grass in her rectangular garden. Each square metre of artificial grass costs $23.

How much should Jessica pay for the artificial grass?



$ _____

A rectangle has an area of 36cm² .

The length of the rectangle is 4 times greater than the width of the rectangle.

Calculate the :

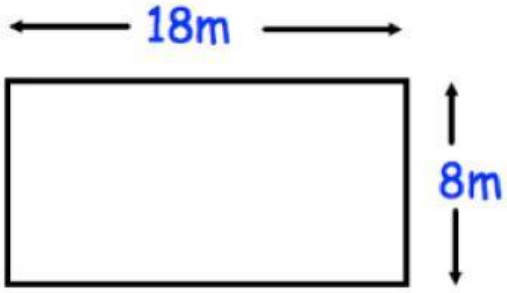
Value of (l + b) = _____ cm

Perimeter : _____ cm

[You Can draw the rectangle on the grid and evaluate your answer]

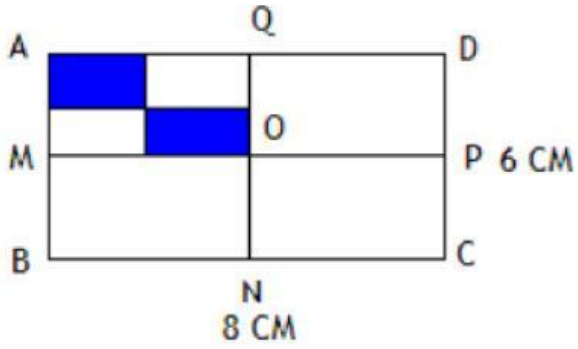
Mrs Jenkins is a chicken farmer. Her chicken pen is 18m long and 8m wide.

Each chicken requires at least 3m². What is the maximum number of chickens Mrs Jenkins can keep?



_____

A Rectangle ABCD has a length of 8 cm and a width of 6 cm. What is the total area of the blue rectangles?



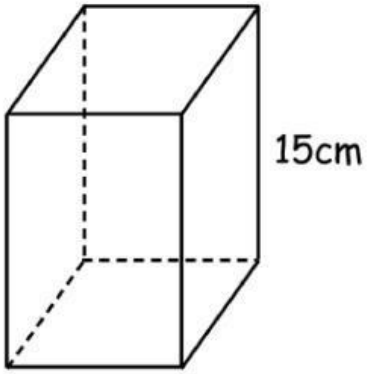
_____

LIVEWORKSHEETS

Shown below is a cuboid.

The base of the cuboid is a square and the height of the cuboid is 15cm.

The total length of the 12 edges is 112cm. Find the area of the base of the cuboid.

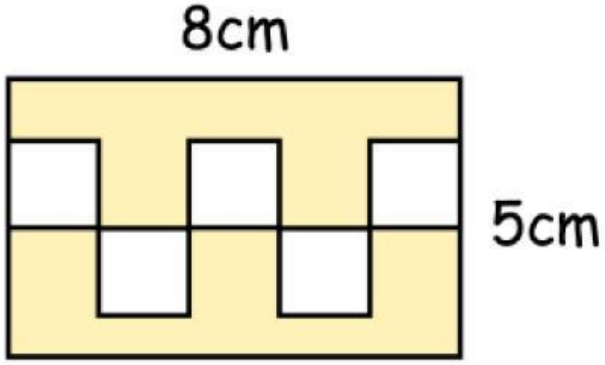


_____ sq cm

Rory made a rectangular logo, 8cm long and 5cm wide.

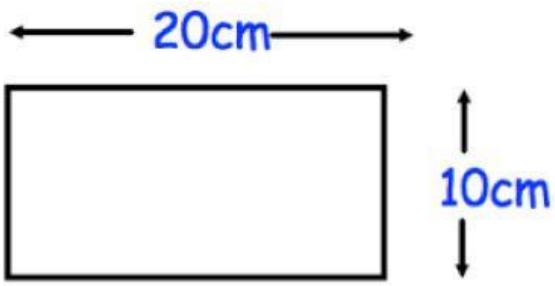
There are 5 identical white squares and the rest of the logo is shaded.

Find the area of the logo that is shaded.



_____sq cm

Shown below is a rectangle with length 20cm and width 10cm.



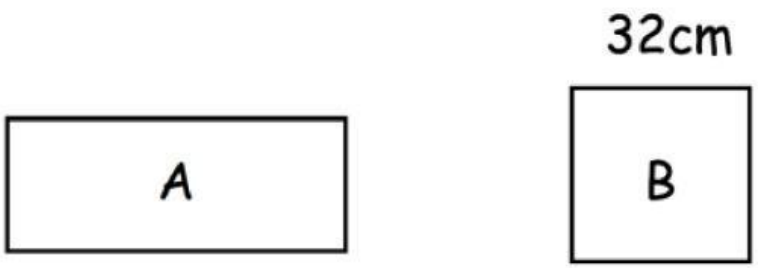
If the new length of the rectangle is increased by one-fifth of its original length , and the new width of the rectangle is increased by one- twentieth of its original width.

Find the change/ increase on the area of the rectangle.

_____ sq cm

LIVEWORKSHEETS

Shown below is a rectangle A and B.



Both rectangles have the same area. The perimeter of rectangle B is 114cm. The length of rectangle A is 8 times larger than its width.

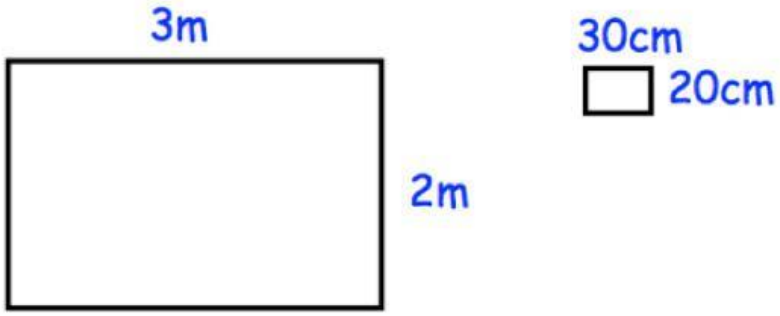
Find the length of rectangle A.

_____ cm

Mr Jones is tiling his kitchen floor.

The kitchen floor measures 3m by 2m.

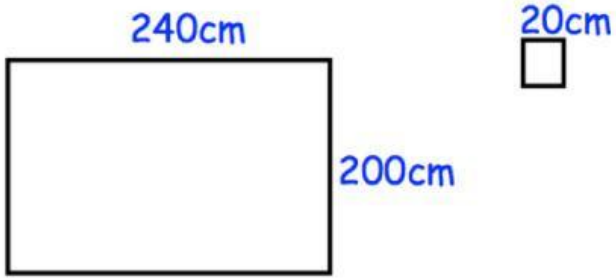
Each tile is 30cm by 20cm. How many tiles does he need? _____



Jessica is tiling her bathroom wall. The wall is 240cm by 200cm. The tiles are squares with side length 20cm.

Each box contains 15 tiles and costs $8.75.

How much will it cost Jessica for the tiles? $ _____



LIVEWORKSHEETS