



Advanced_WS_G8_ Perimeter and Area of Rectangles and Squares

How many tiles whose length and breadth are 13 cm and 7 cm respectively are needed to cover a rectangular region whose length and breadth are 520 cm and 140 cm?

Find the cost of tiling a rectangular plot of land 300 m long and 150 m wide at the rate of \$6 per hundred square m.

If it costs \$1600 to fence a rectangular park of length 20 m at the rate of \$25 per m^2 , find the breadth of the park and its perimeter. Also, find the area of the field.

How many rectangles can be drawn with 38 cm as perimeter? Also, find the dimensions of the rectangle whose area will be maximum.

The length of a rectangular wooden board is thrice its width. If the width of the board is 120 cm, find the cost of framing it at the rate of \$5 for 20 cm.

If it costs \$2400 to fence a square field at the rate of \$6 per m, find the length of the side and the area of the field.

$$\text{Perimeter} = (\text{Total cost})/(\text{Cost per m}^2)$$

A wire in the shape of rectangle whose width is 22 cm is bent to form a square of side 31 cm. Find the length of the rectangle. Also, find which shape encloses more area.

The area of a square field is 81 hectares. Find the cost of fencing the field with a wire at the rate of \$2.25 per m.