



The National  
Orthodox School  
Shmaisani

Name:

Worksheet(2) Area

Grade:6(A)

Subject : Math

Date :

**Objective: Find the area of some shapes.**

*Area of square = (side length)<sup>2</sup>*

*Area of rectangle = length × width*

*Area of parallelogram = base × height*

*Area of triangle =  $\frac{1}{2} \times \text{base} \times \text{height}$*

*Area of trapezium =  $\frac{1}{2} \times (\text{base1} + \text{base2}) \times \text{height}$*

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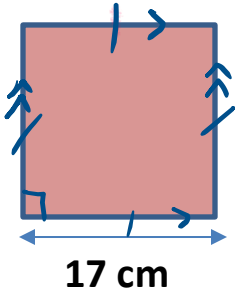
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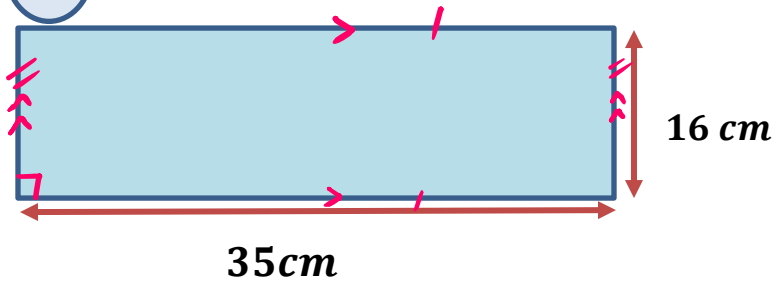
معتمدة من

**Exercise 1: Find the area of the following shapes:**

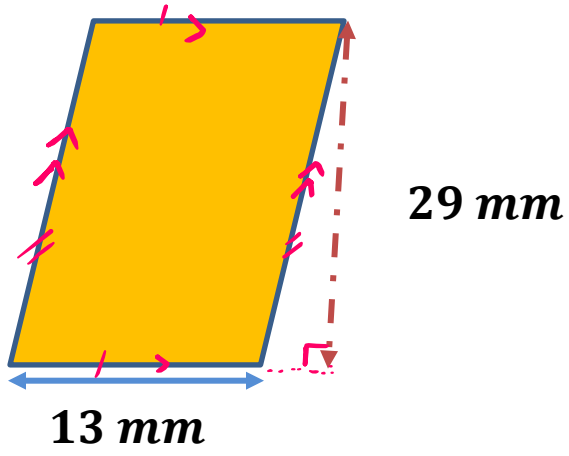
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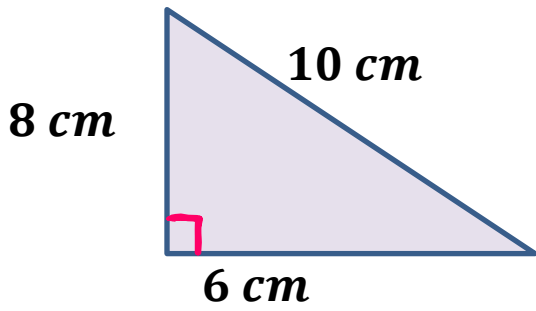
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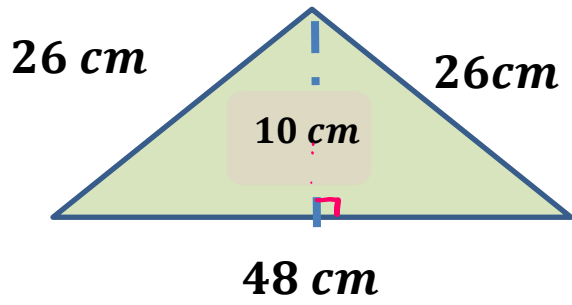
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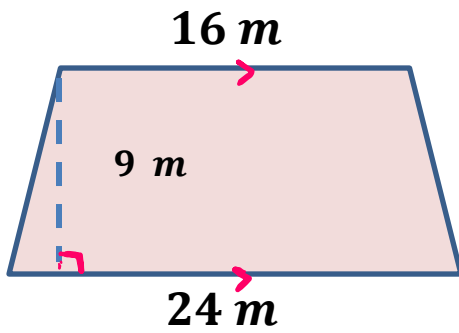
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5

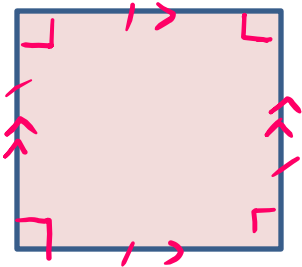


6



**Exercise (2): find the missing dimension in each of the shapes:**

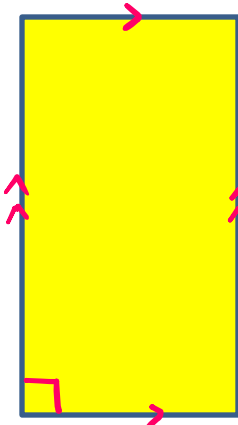
1



$$x = ?$$

$$\text{Area} = 49\text{m}^2$$

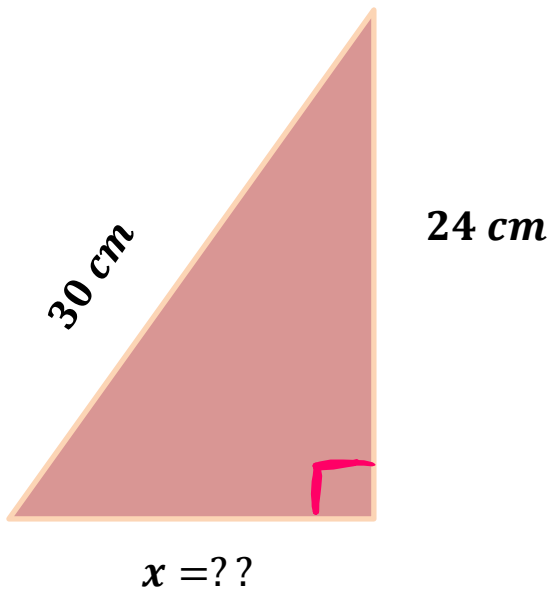
2



$$l = ?$$

$$w = 8 \text{ cm}$$

$$\text{Area} = 96 \text{ cm}^2$$



$$\text{Area} = 216 \text{ cm}^2$$

## Area

- The area of a figure is the number of square units that cover the surface of the closed figure.



*Teacher: Wisam Al – mashn*