


Name: _____

Area of a Rectangle




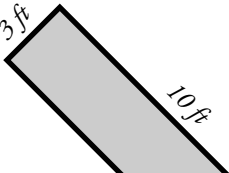
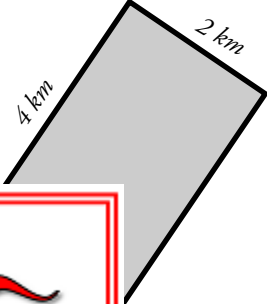
To find the area of a rectangle, use the formula **length x width = area**. This formula is often written as $l \times w = A$.

The rectangle pictured here has a length of 10 cm and a width of 8 cm.

$l = 10 \text{ cm}$
 $w = 8 \text{ cm}$
 $10 \text{ cm} \times 8 \text{ cm} = 80 \text{ cm}^2$

Note that the area's unit is written as cm^2 . This is said as "square centimeters" or "centimeters squared".

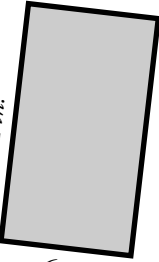
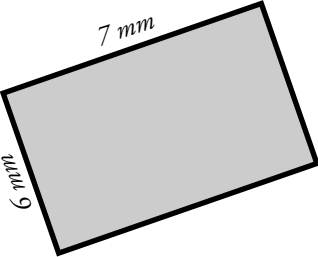
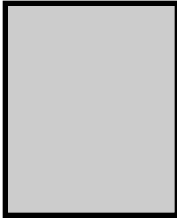
Find the area of each rectangle.

- a. 
- b. 
- c. 

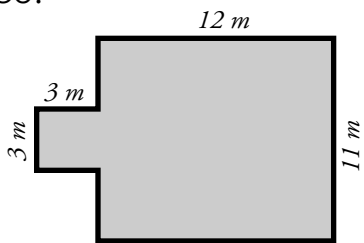


PREVIEW

Please log in or register to download the printable version of this worksheet.

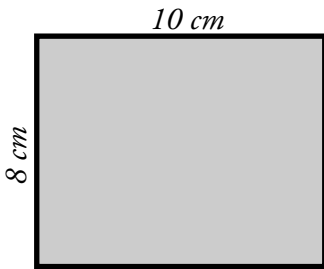
- d. 
- e. 
- f. 

Challenge: Find the area of the polygon. All corners are 90°. Use the back if you need work space.



ANSWER KEY

Area of a Rectangle



To find the area of a rectangle, use the formula **length x width = area**. This formula is often written as **$l \times w = A$** .

The rectangle pictured here has a length of 10 cm and a width of 8 cm.

$$l = 10 \text{ cm}$$

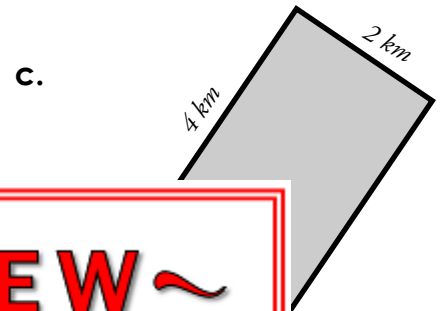
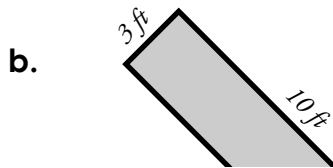
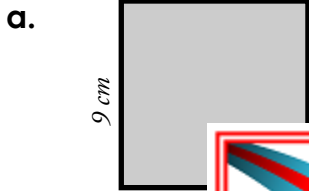
$$w = 8 \text{ cm}$$

$$10 \text{ cm} \times 8 \text{ cm} = 80 \text{ cm}^2$$

Note that the area's unit is written as cm^2 .

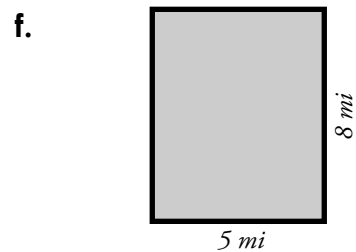
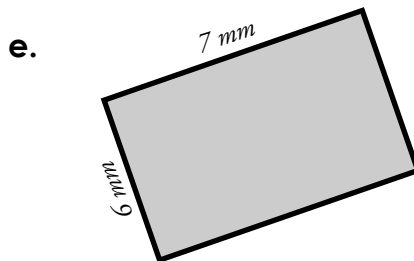
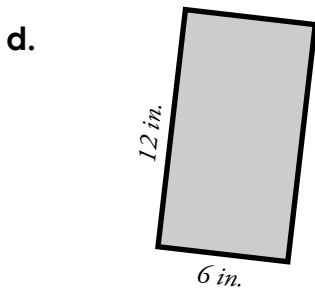
This is said as "square centimeters" or "centimeters squared".

Find the area of each rectangle.



81

PREVIEW
Please log in or register to download the printable version of this worksheet.

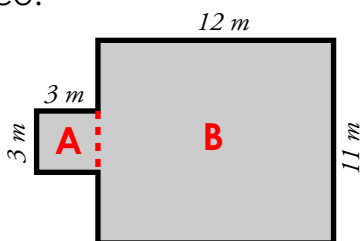


72 in.²

42 mm²

40 mi²

Challenge: Find the area of the polygon. All corners are 90°. Use the back if you need work space.



$$\text{area of A} = 3 \times 3 = 9 \text{ m}^2$$

$$\text{area of B} = 12 \times 11 = \underline{+132 \text{ m}^2}$$

$$\underline{141 \text{ m}^2}$$