

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.

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

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

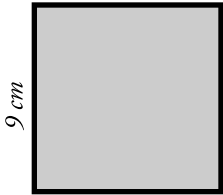
$$10 \text{ cm} \times 8 \text{ cm} = 80 \text{ cm}^2$$

Note that the area's unit is written as  $\text{cm}^2$ .

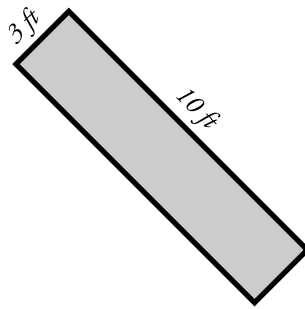
This is said as "square centimeters" or "centimeters squared".

Find the area of each rectangle.

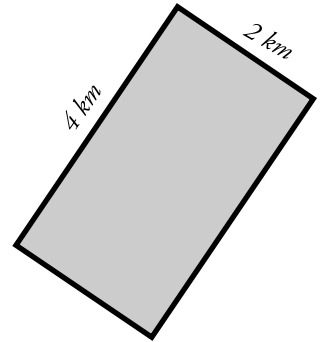
a.



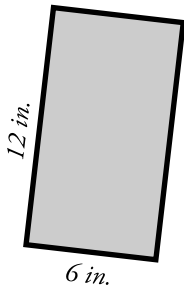
b.



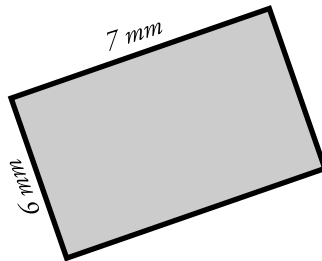
c.



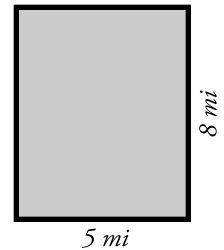
d.



e.



f.



**Challenge:** Find the area of the polygon. All corners are  $90^\circ$ . Use the back if you need work space.

