

## Answer Key

# Rectangle Mania: Practice Finding Length

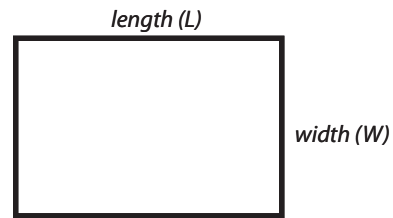
Use the clues provided to find the length of each rectangle. Show your work.

?

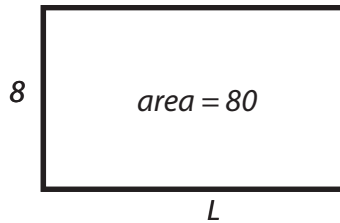
**Review:**

Rectangle Area = width x length

Width is the shortest side of a rectangle.  
Length is the longest side of a rectangle.



**Example:**



$$\text{Area} = \underline{80} \text{ sq.ft.}$$

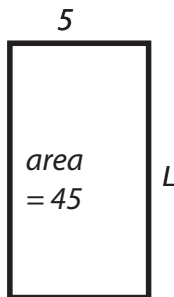
$$\text{Width} = \underline{8} \text{ ft.}$$

Area = width x length

$$80 = 8 \times \text{length}$$

$$\text{Therefore, length} = \frac{80}{8} = \underline{10} \text{ ft.}$$

1



$$\text{Area} = \underline{45} \text{ sq.ft.}$$

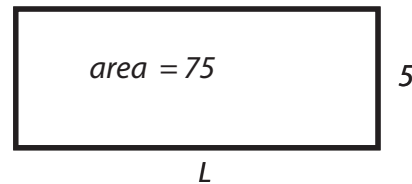
$$\text{Width} = \underline{5} \text{ ft.}$$

Area = width x length

$$45 = 5 \times \text{length}$$

$$\text{Therefore, length} = \frac{45}{5} = \underline{9} \text{ ft.}$$

2



$$\text{Area} = \underline{75} \text{ sq.ft.}$$

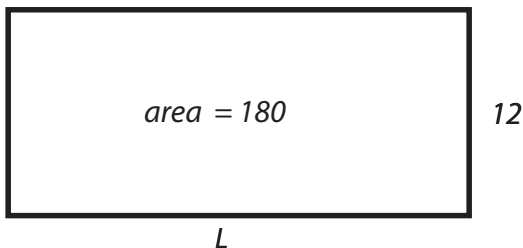
$$\text{Width} = \underline{5} \text{ ft.}$$

Area = width x length

$$75 = 5 \times \text{length}$$

$$\text{Therefore, length} = \frac{75}{5} = \underline{15} \text{ ft.}$$

3



$$\text{Area} = \underline{180} \text{ sq.ft.}$$

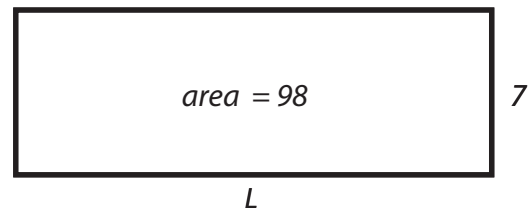
$$\text{Width} = \underline{12} \text{ ft.}$$

Area = width x length

$$180 = 12 \times \text{length}$$

$$\text{Therefore, length} = \frac{180}{12} = \underline{15} \text{ ft.}$$

4



$$\text{Area} = \underline{98} \text{ sq.ft.}$$

$$\text{Width} = \underline{7} \text{ ft.}$$

Area = width x length

$$98 = 7 \times \text{length}$$

$$\text{Therefore, length} = \frac{98}{7} = \underline{14} \text{ ft.}$$