

Answer Key

Rectangle Mania: Practice Finding Area II

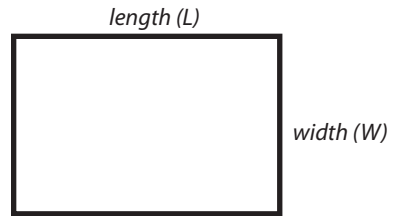
Find the missing values of each rectangle to find the area of the big rectangle.



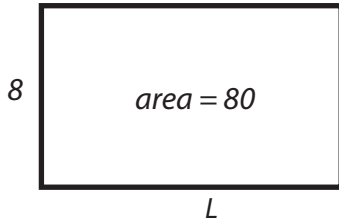
Review:

Rectangle Area = width x length

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



Example:



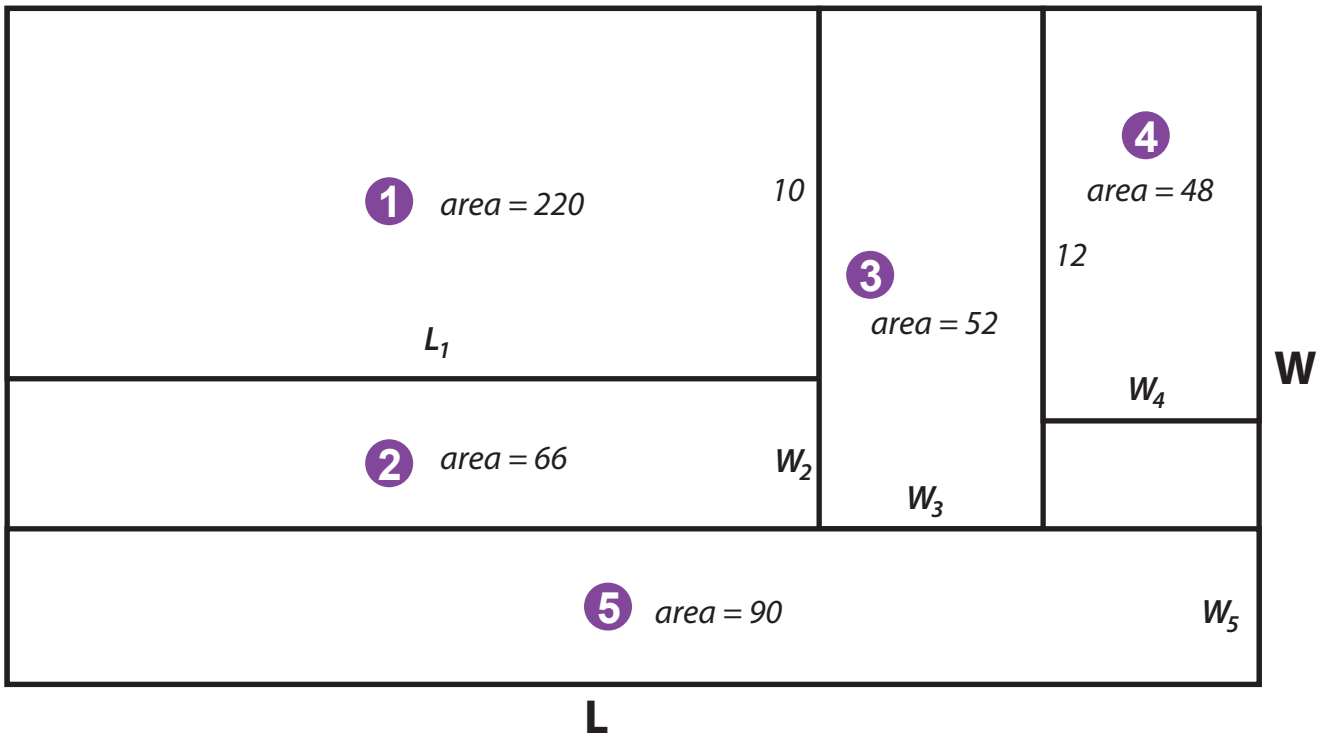
$$\text{Area} = \underline{80} \text{ sq.ft.}$$

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

Area = width x length

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

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



$$L_1 = \frac{220}{10} = 22$$

$$W_2 = \underline{3}$$

$$W_3 = \underline{4}$$

$$W_4 = \underline{4}$$

$$W_5 = \underline{3}$$

$$L = L_1 + W_3 + W_4 = \underline{30}$$

$$W = 10 + W_2 + W_5 = \underline{16}$$

$$\text{Total area} = \underline{480 \text{ sq.}}$$