Answer Key

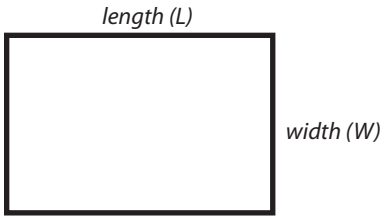
Rectangle Mania: Practice Finding Width

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

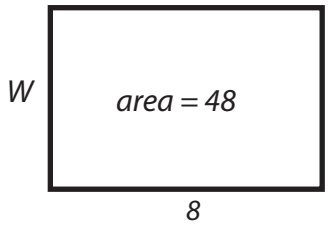
?

Review:
Rectangle Area = width x length

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



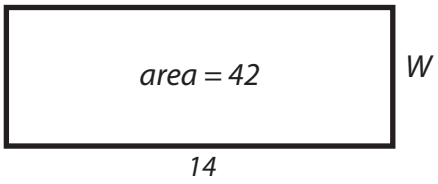
Example:



Area = 48 sq.ft.
Length = 8 ft.

Area = width x length
48 = width x 8
Therefore, width = $\frac{48}{8}$ = 6 ft.

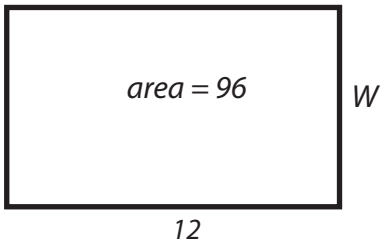
1



Area = 42 sq.ft.
Length = 14 ft.

Area = width x length
42 = 14 x length
Therefore, width = $\frac{42}{14}$ = 3 ft.

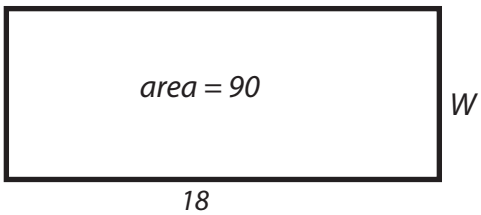
2



Area = 96 sq.ft.
Length = 12 ft.

Area = width x length
96 = 12 x length
Therefore, width = $\frac{96}{12}$ = 8 ft.

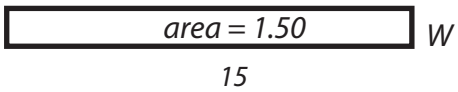
3



Area = 90 sq.ft.
Length = 18 ft.

Area = width x length
90 = 18 x length
Therefore, width = $\frac{90}{18}$ = 5 ft.

4



Area = 1.5 sq.ft.
Length = 15 ft.

Area = width x length
1.5 = 15 x length
Therefore, width = $\frac{1.5}{15}$ = .1 ft.