

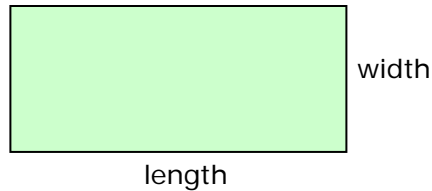
Math by Design Hint Pages

Finding the Area of a Rectangle

Flossville Park, Alley Oops! Subtask 1: Place the ramp in the skateboard area.

Vocabulary:

A rectangle has two dimensions usually called the **length** and the **width**.

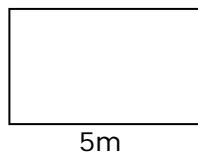


The **area** of the rectangle is the measure of the interior region, shown in green in the rectangle above.

The formula for finding the area of a rectangle is: $A = lw$ where l represents the length of the rectangle and w represents the width.

Both the length and width must be expressed in the same unit. The area will be in square units.

Example: A rectangle has a length of 5 meters and a width of 3 meters. What is the area of the rectangle?



$$\begin{aligned} A &= lw \\ A &= (5m)(3m) \\ A &= 15m^2 \end{aligned}$$

Answer: The area of the rectangle is 15 square meters.