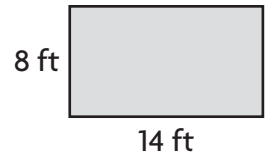


## Apply the Area Formula

**Area** is the measure of the number of **unit squares** needed to cover a surface. A unit square is a square with a side length of 1 unit. It has an area of 1 **square unit**.

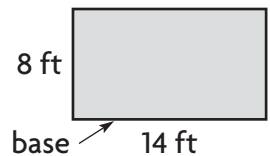


**Find the area of the rectangle at the right.**

You can use the formula **Area = base  $\times$  height**.

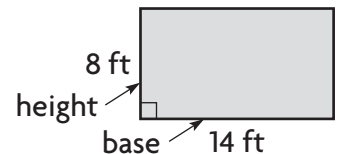
**Step 1** Identify one side as the base.

The base is 14 feet.



**Step 2** Identify a perpendicular side as the height.

The height is 8 feet.



**Step 3** Use the formula to find the area.

$$\begin{aligned}\text{Area} &= \text{base} \times \text{height} \\ &= 14 \times 8 \\ &= 112\end{aligned}$$

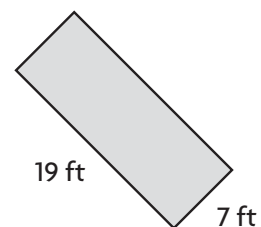
So, the area of the rectangle is **112 square feet**.

**Find the area of the rectangle or square.**

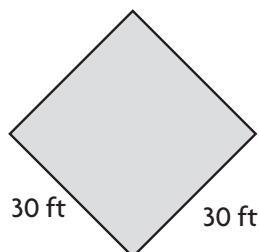
**1**



**2**



**3**



**4**

