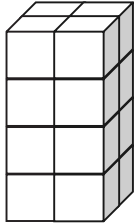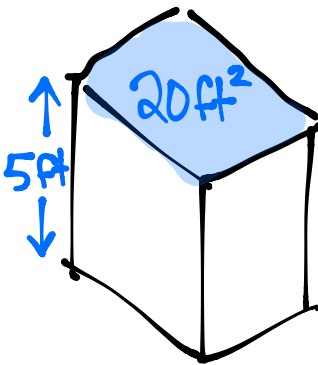Name _____ Date _____

1. Calculate the volume of prism.

Length: **2** mm

Width: **2** mm

Height: **4** mm

Volume: **16** mm³

Write the multiplication sentence that shows how you calculated the volume. Be sure to include the units.

$$2\,mm \times 2\,mm \times 4\,mm = 16\,mm^3$$

2. A rectangular prism has a top face with an area of 20 ft² and a height of 5 ft. What is the volume of this rectangular prism?

5 ft   20ft²

$$20 \times 5 = 100$$

$$20\,ft^2 \times 5\,ft = 100\,ft^3$$