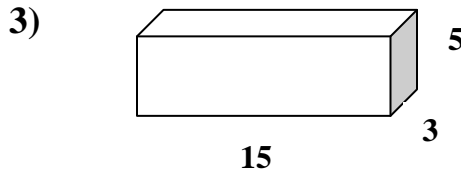
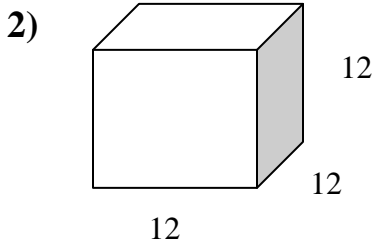


Name _____ Date _____

Working with Volume (Rectangular Prisms)

1) Write the formula for the volume of a rectangular prism.

Find the volume of the rectangular prisms. Show all work!



Find the missing measurement. **SHOW ALL WORK!**

4) Volume = 54 cubic in.
Length = 6 in.
Width = 3 in.
Height = ? in.

5) Volume = 168 cubic ft.
Length = ? ft.
Width = 8 ft.
Height = 3 ft.

6) Volume = 196 cubic yds.
Length = 14 yds.
Width = ?
Height = 2 yds.

★ 7) Volume = ?
Length = 14 ft.
Width = 12 ft.
Height = 3 yds.

8) The side length of a cube is 5 inches. Show two ways to find its volume.

9) A swimming pool is 12 ft. long, 8 ft wide, and 5 ft. deep. What is its volume?