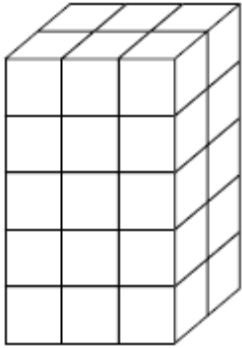# Volume of Rectangular Prisms Notes

Name_____

Volume is measured in _____ units.

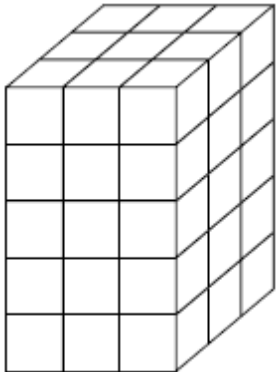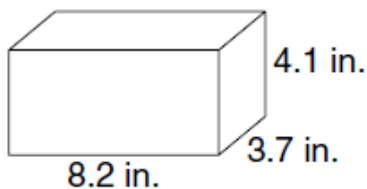| 1.	How many cubes are in the top layer?
	
	 How many layers are there?
	
	 How many <u>total</u> cubes would you need to build this structure?
	
	 What is the:
	    length? _____
	    width? _____
	    height? _____
	
	 How could you use the dimensions to find the volume?

2.	How many cubes are in the top layer?
	
	 How many layers are there?
	
	 How many <u>total</u> cubes would you need to build this structure?
	
	 What is the:
	    length? _____
	    width? _____
	    height? _____
	
	 How could you use the dimensions to find the volume?

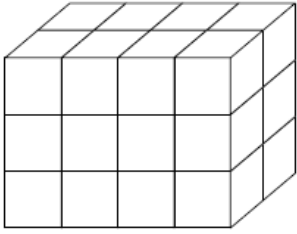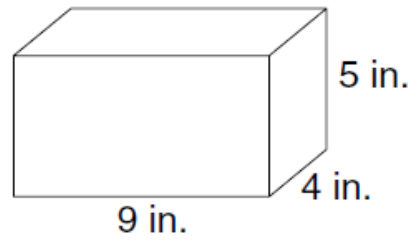**Formula for VOLUME of a Rectangular Prism:**

$V =$

3. 4.1 in. 3.7 in. 8.2 in.	

Pause the video and try the problems on the back on your own!
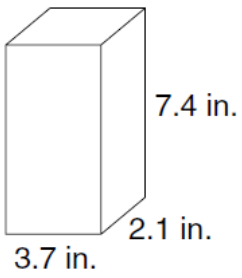**Then press play and check your answers with a color pen.**

1.

2.

5 in.

4 in.

9 in.

3.

7.4 in.

2.1 in.

3.7 in.

4.

15 cm

8 cm

7 cm