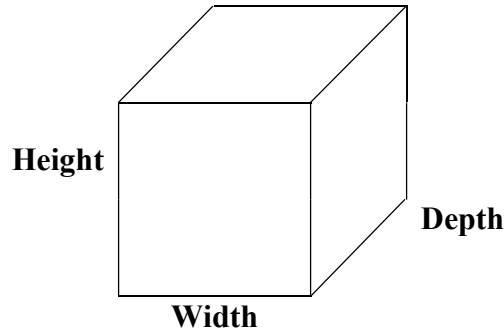


**Construction Math
Geometry
Cubes
Calculating Volume**

A. True or False. Answer “T” if the statement is true, “F” if the statement is false. Write your answer in the space provided.

1. _____ A **cube** is a solid figure having six equal sides or faces.
2. _____ **Volume** is calculated by multiplying the **height** by the **width** by the **depth** of a solid figure (cube). It is notated in cubic units.



B. Calculations. 3. – 10. Calculate the **cubic volume** of each cube. *Show answers with decimals instead of fractions.*

	Height	Width	Depth	Volume
3.	2 inches	2 inches	2 inches	_____
4.	2 inches	3 inches	4 inches	_____
5.	2 ½ inches	2 inches	2 inches	_____
6.	3 ¼ inches	2 ½ inches	2 inches	_____
7.	3 ½ inches	3 ¼ inches	2 ½ inches	_____
8.	4 5/8 inches	3 ½ inches	3 ½ inches	_____
9.	5 7/8 inches	4 5/8 inches	2 inches	_____
10.	6 9/16 inches	5 7/8 inches	4 5/8 inches	_____

	Height	Width	Depth	Volume
11.	2 feet	2 feet	2 feet	_____
12.	2 feet	3 feet	4 feet	_____
13.	3 feet	4 feet	5 feet	_____
14.	4 feet	5 feet	6 feet	_____
15.	5 feet	6 feet	7 feet	_____
16.	6 feet	7 feet	8 feet	_____
17.	7 feet	8 feet	9 feet	_____
18.	8 feet	9 feet	10 feet	_____
19.	9 feet	10 feet	11 feet	_____
20.	10 feet	11 feet	12 feet	_____