NAME	
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Module 13	Perimeter, Area, and Volume
Lesson 7	Volume: Pyramids and Cones

16 ft

Find the volume.





2.

4.

6.

297 cm³

Additional

Practice

13.7



99 ft³



80 cm³

Find the volume.



About 7,065 yd³



About 994.3 in.³

C 2007 BestQuest

Complete each table.

	Radius	Height	Volume	
7.	10 ft	8 ft	About 837.33 ft ³	
8.	12 in.	12 in.	About 1,808.64 in. ³	
9.	1.2 mm	1.5 mm	About 2.2608 mm³	
10.	3 cm	7 cm	About 65.94 cm^3	

Triangular Pyramids						
	Base Area	Height	Volume			
11.	20 yd^2	3 yd	20 yd^3			
12.	16 ft ²	4.5 ft	24 ft^3			
13.	6 m ²	1.5 m	3 m^2			

14. A cone has a diameter of 10 meters and a slant height of 13 meters. Find the exact volume of the cone.

The volume of the cone is 100π m³.

15. The cone sits inside the cylinder. The cone and the cylinder have the same height. What is the volume of the cylinder without the cone?

The volume of the cylinder without the cone is about 2,411.52 cubic inches.

