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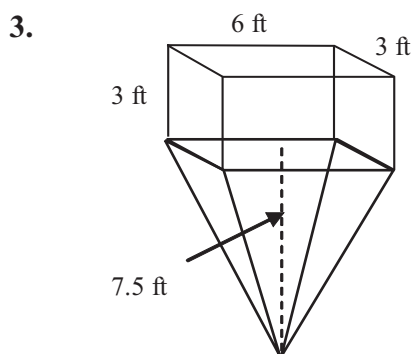**Lesson 7   Volume: Pyramids and Cones**

Find the volume.

1.

16 ft

4 ft

3 ft

2.

9 cm

9 cm

11 cm

3.

6 ft

3 ft

3 ft

7.5 ft

4.

8 cm   8 cm

3 cm   5 cm

Find the volume.

5.

30 yd

30 yd

6.

9 in.

11 in

5 in.
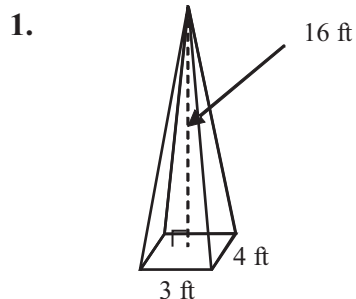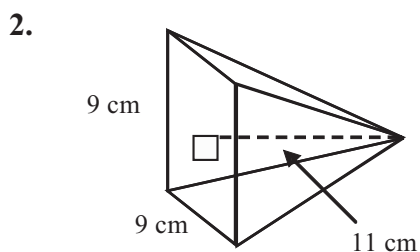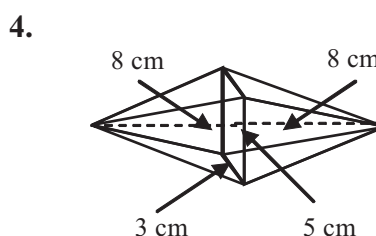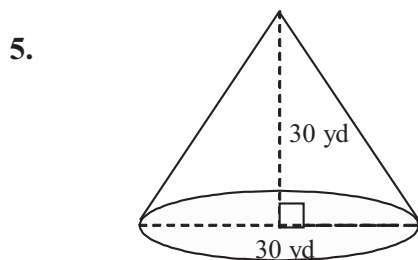
Complete each table.
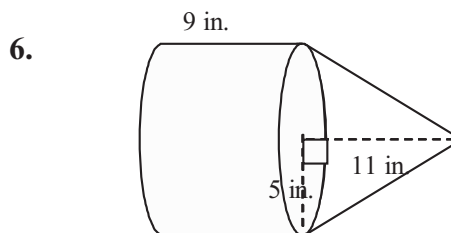
	Radius	Height	Volume
7.	10 ft	8 ft	
8.	12 in.	12 in.	
9.	1.2 mm	1.5 mm	
10.	3 cm		About 65.94 cm^3

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

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?

18 in.

8 in.