Name : _____

Volume - Prisms and Cylinders

Find the volume of each shape. (use π = 3.14)

1)

2 yd
9 yd
6 yd

Volume = _____

2)

10 ft
23 ft

Volume = _____

3)

7 in
12 in
20 in

Volume = _____

4)

30 ft
18 ft
24 ft

Volume = _____

5)

19 in
11 in
11 in

Volume = _____

6)

8 yd
16 yd

Volume = _____

7) The radius and height of a cylinder are 21 yards and 5 yards respectively. What is the volume of the cylinder? (use π = 3.14)

_____

8) The base of a prism is a right triangle with legs measuring 3 feet and 4 feet. If the height of the prism is 13 feet, determine its volume.

_____

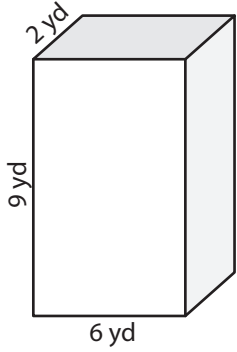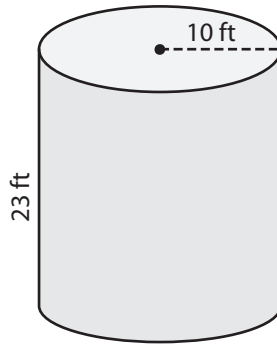Name : _____

Volume - Prisms and Cylinders

Integers: L1S1

Find the volume of each shape. (use π = 3.14)

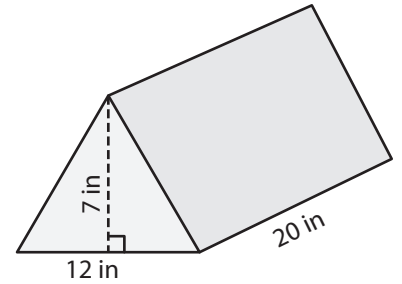1)

Volume = **108 yd³**

2)

10 ft
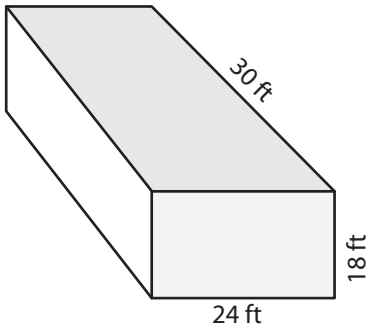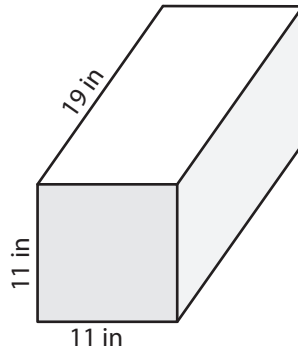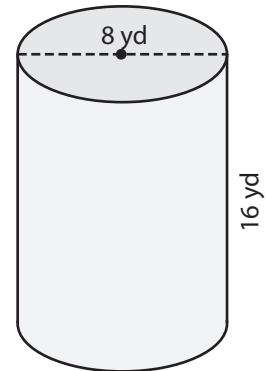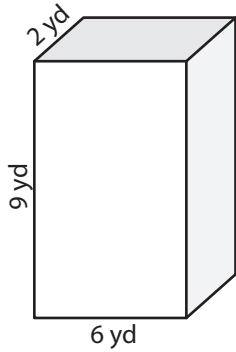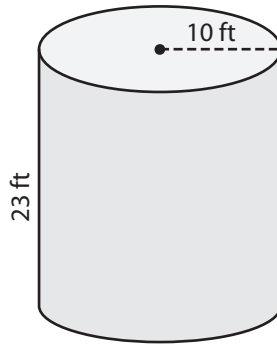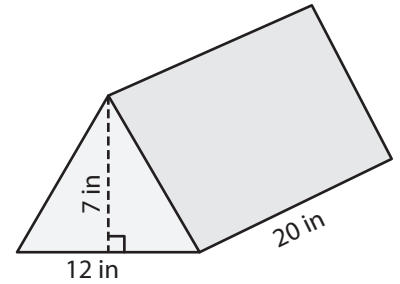
23 ft

Volume = **7,222 ft³**

3)

7 in

12 in

20 in

Volume = **840 in³**

4)

30 ft

24 ft

18 ft

Volume = **12,960 ft³**

5)

19 in

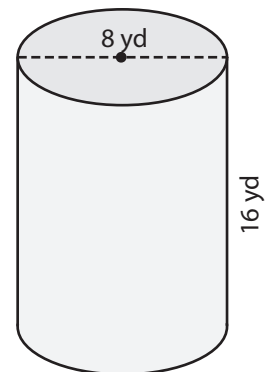11 in

11 in

Volume = **2,299 in³**

6)

8 yd

16 yd
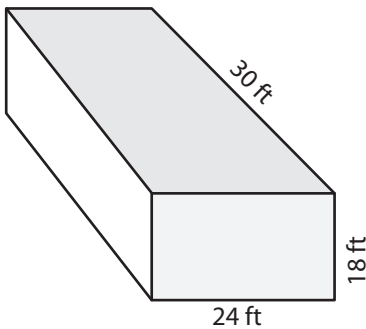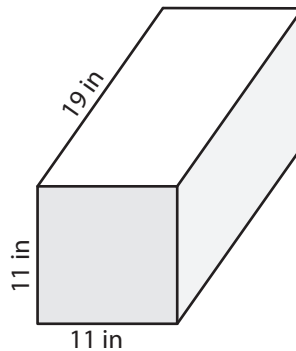
Volume = **803.84 yd³**

7) The radius and height of a cylinder are 21 yards and 5 yards respectively. What is the volume of the cylinder? (use π = 3.14)

6,923.7 cubic yards

8) The base of a prism is a right triangle with legs measuring 3 feet and 4 feet. If the height of the prism is 13 feet, determine its volume.

78 cubic feet