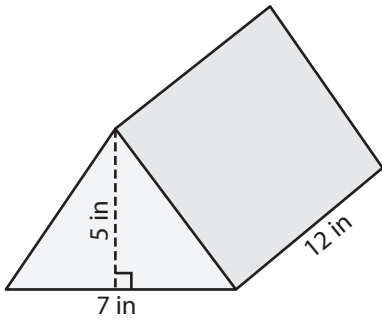Name : _____

Volume - Triangular Prism

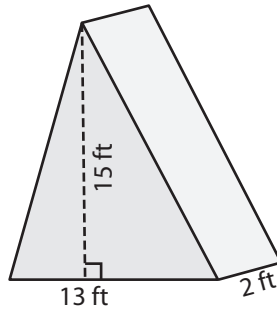Find the volume of each triangular prism.

1)
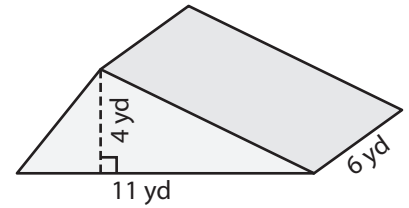

5 in   7 in   12 in

Volume = _____

2)

15 ft   13 ft   2 ft

Volume = _____

3)

4 yd   11 yd   6 yd

Volume = _____

4)

8 yd   17 yd   10 yd

Volume = _____

5)

18 in   9 in   19 in
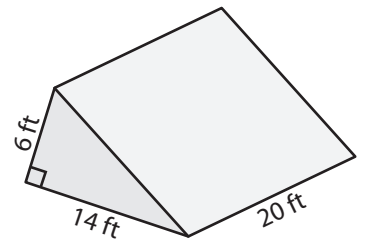
Volume = _____

6)

6 ft   14 ft   20 ft

Volume = _____

7) The base of a prism is a right triangle with legs measuring 16 feet and 4 feet. If the height of the prism is 14 feet, find its volume.

_____

8) The base of a prism is a triangle with a base of 9 inches and a height of 5 inches. Determine the volume if its length is 18 inches.
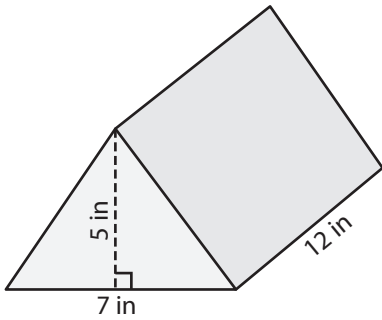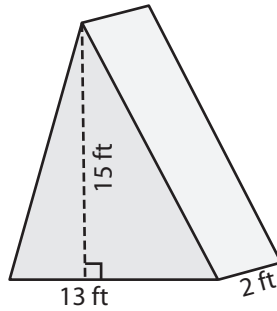
_____

Answer key

Volume - Triangular Prism

ES1

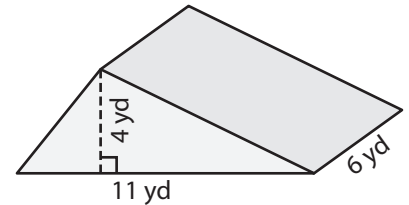Find the volume of each triangular prism.

1)

5 in
7 in
12 in

Volume = __**210 in³**__

2)

15 ft
13 ft
2 ft

Volume = __**195 ft³**__

3)

4 yd
11 yd
6 yd

Volume = __**132 yd³**__

4)

8 yd
17 yd
10 yd

Volume = __**680 yd³**__

5)

18 in
9 in
19 in

Volume = __**1,539 in³**__

6)

6 ft
14 ft
20 ft
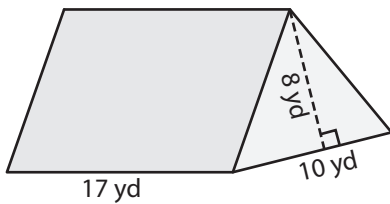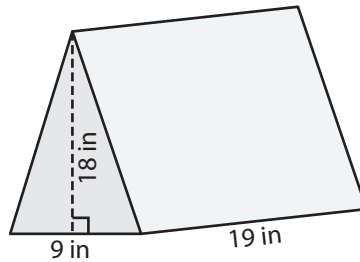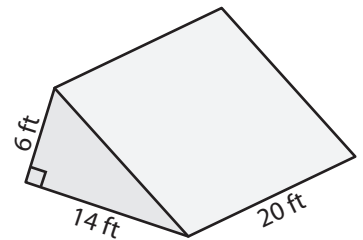
Volume = __**840 ft³**__

7) The base of a prism is a right triangle with legs measuring 16 feet and 4 feet. If the height of the prism is 14 feet, find its volume.

__**448 cubic feet**__

8) The base of a prism is a triangle with a base of 9 inches and a height of 5 inches. Determine the volume if its length is 18 inches.

__**405 cubic inches**__