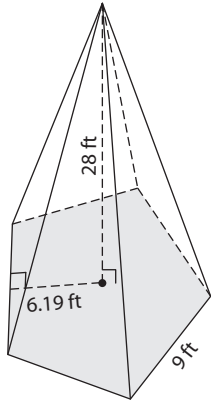Name : _____

# Volume - Pyramids

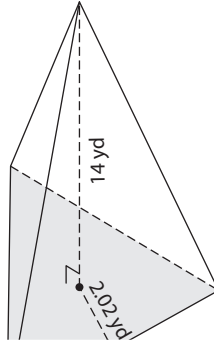Find the volume of each regular pyramid. Round your answer to two decimal places.

1)
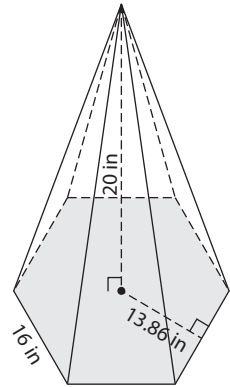
28 ft

6.19 ft

9 ft

Volume = _____

2)

14 yd

2.02 yd

Volume = _____

3)

20 in

13.86 in

16 in

Volume = _____

4)

19 yd

6.5 yd

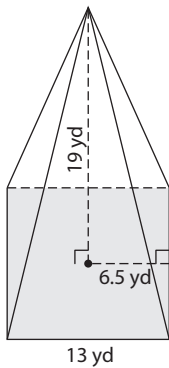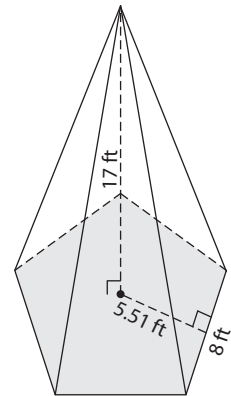13 yd

Volume = _____

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6)

17 ft

5.51 ft

8 ft

Volume = _____

7) A regular pyramid with a _____ th and apothem of the
   base pentagon are 24 fee _____ of the pyramid.

_____

8) A regular hexagonal pyramid has a height of 18 yards. The side length and apothem of the base hexagon are 15 yards and 12.99 yards respectively. Find the volume of the pyramid.
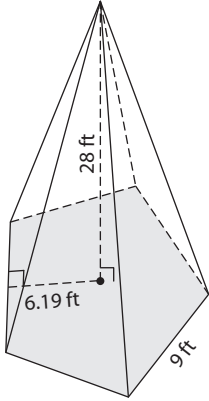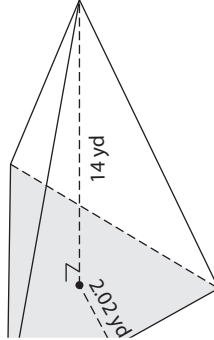
_____

**Answer key**

## Volume - Pyramids

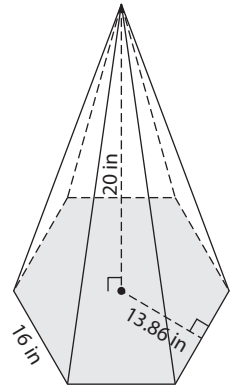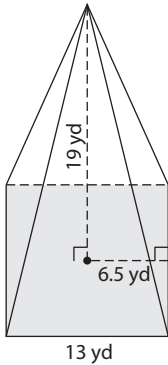Find the volume of each regular pyramid. Round your answer to two decimal places.

1)

28 ft
6.19 ft
9 ft

Volume = _____ **1,299.9 ft³**

2)

14 yd
2.02 yd

3)

20 in
13.86 in
16 in

lume = _____ **4,435.2 in³**

4)

19 yd
6.5 yd
13 yd

Volume = _____ **1,070.33 yd**

17 ft
5.51 ft
8 ft

lume = _____ **624.47 ft³**

7) A regular pyramid with a [...] base pentagon are 24 fee[...] [...]th and apothem of the [...] of the pyramid.

**1,652 cubic feet**

8) A regular hexagonal pyramid has a height of 18 yards. The side length and apothem of the base hexagon are 15 yards and 12.99 yards respectively. Find the volume of the pyramid.

**3,507.3 cubic yards**