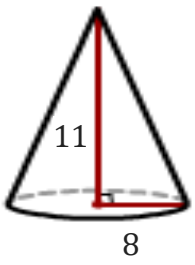
Volume of a Cone

Name:_____ Date:_____

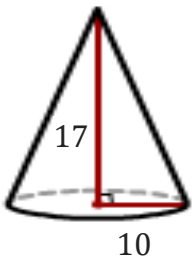
To find the volume of a cone. ($V = \frac{1}{3}\pi r^2 h$).

1)



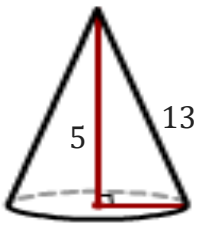
V = _____

2)



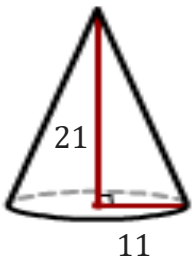
V = _____

3)



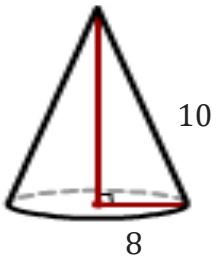
V = _____

4)



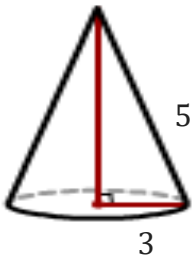
V = _____

5)



V = _____

6)



V = _____

7) The height and diameter of a cone-shaped bottle are 3 feet and 8 feet respectively. Find the volume of water the bottle can hold. Use (π= 3.14).

_____

8) A cone has a radius of 3 mm and a height of 2 mm. what is the volume?

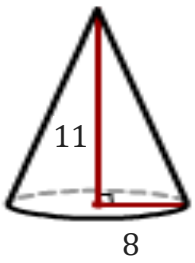
_____

Volume of a Cone

Name:_____ Date:_____

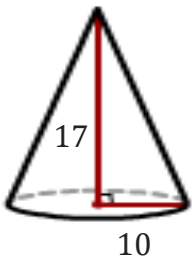
To find the volume of a cone. ($V = \frac{1}{3}\pi r^2 h$).

1)



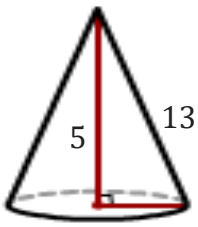
V = 736.85

2)



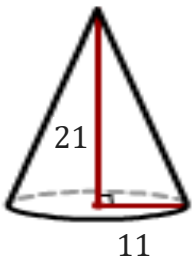
V = 1779.3

3)



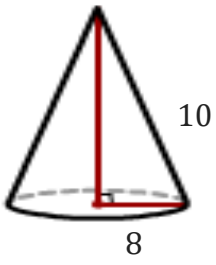
V = 753.6

4)



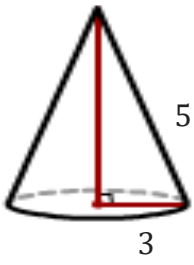
V = 2659.58

5)



V = 401.92

6)



V = 37.68

7) The height and diameter of a cone-shaped bottle are 3 feet and 8 feet respectively. Find the volume of water the bottle can hold. Use (π= 3.14).

50.24 ft^3

8) A cone has a radius of 3 mm and a height of 2 mm. what is the volume?

18.84 mm^3