

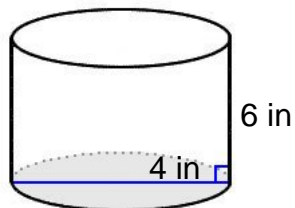
5.4: Cylinder

Name: _____

Group: _____

$V = B h = \text{Base area} \times \text{height}$
 $SA = 2 B + C h = (2 \times \text{Base area}) + (\text{Circumference} \times \text{height})$

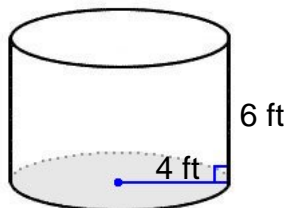
1)



Volume: _____

Surface Area: _____

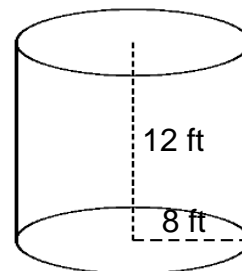
2)



Volume: _____

Surface Area: _____

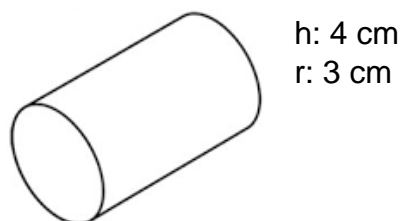
3)



Volume: _____

Surface Area: _____

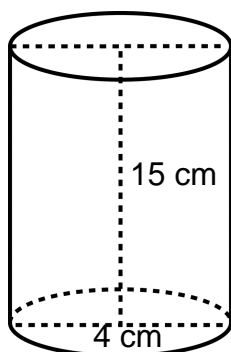
4)



Volume: _____

Surface Area: _____

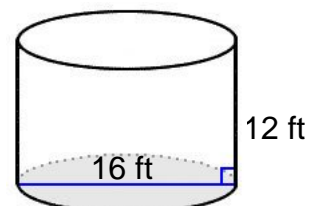
5)



Volume: _____

Surface Area: _____

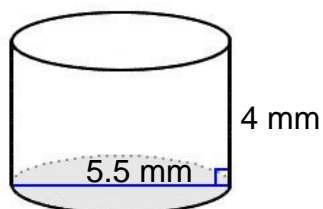
6)



Volume: _____

Surface Area: _____

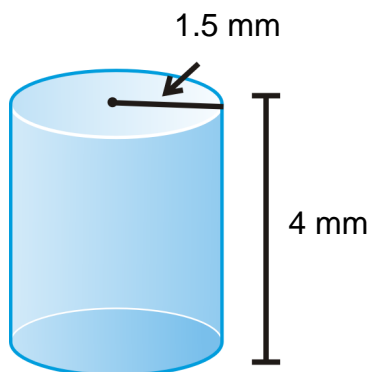
7)



Volume: _____

Surface Area: _____

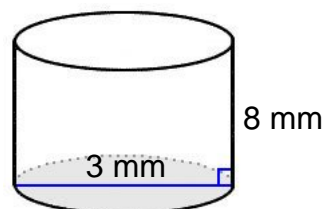
8)



Volume: _____

Surface Area: _____

9)



Volume: _____

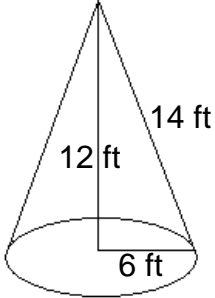
Surface Area: _____

.4: Cone

$$V = \frac{B h}{3} = \frac{\text{Base area} \times \text{height}}{3}$$

$$SA = B + \pi r s = \text{Base area} + (\text{Pi} \times \text{radius} \times \text{slant height})$$

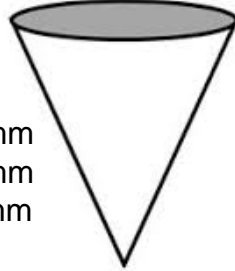
10)



Volume: _____

Surface Area: _____

11)

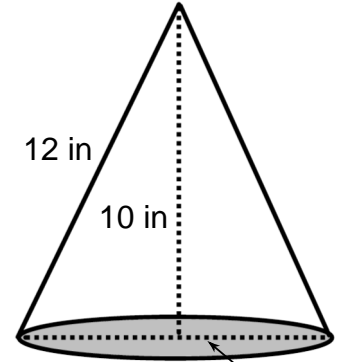


h: 8 mm
d: 6 mm
s: 9 mm

Volume: _____

Surface Area: _____

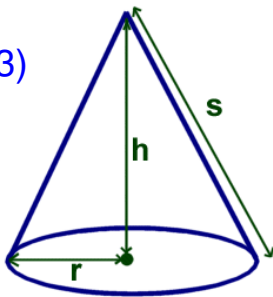
12)



Volume: _____

Surface Area: _____

13)

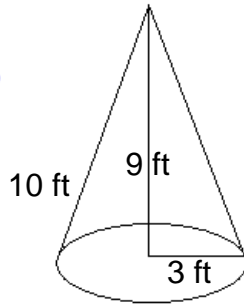


h: 18 mm
r: 7 mm
s: 22 mm

Volume: _____

Surface Area: _____

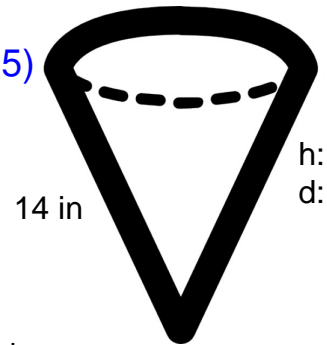
14)



Volume: _____

Surface Area: _____

15)

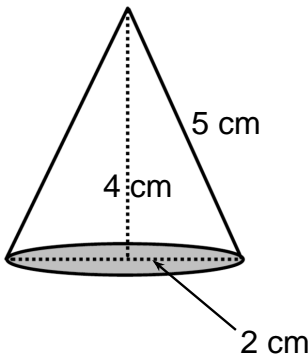


h: 11 mm
d: 10 mm

Volume: _____

Surface Area: _____

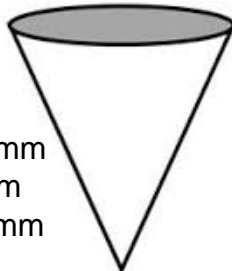
16)



Volume: _____

Surface Area: _____

17)

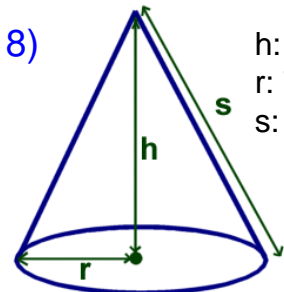


h: 17 mm
r: 3 mm
s: 20 mm

Volume: _____

Surface Area: _____

18)



h: 18 mm
r: 7 mm
s: 22 mm

Volume: _____

Surface Area: _____