

Name: KEY

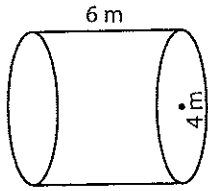
Score: \_\_\_\_\_

**Volume - Cylinder**

ES2

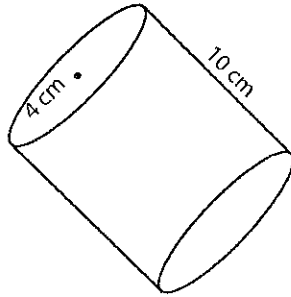
Find the exact volume of each cylinder.

1)



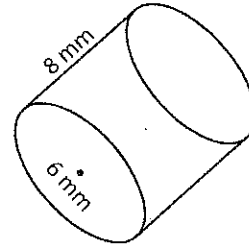
Volume =  $301.44 m^3$

2)



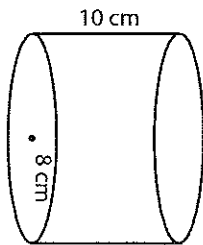
Volume =  $502.4 cm^3$

3)



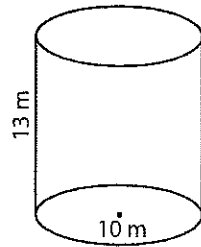
Volume =  $904.32 mm^3$

4)



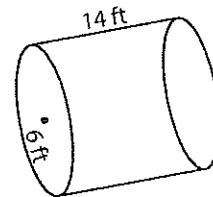
Volume =  $2009.6 cm^3$

5)



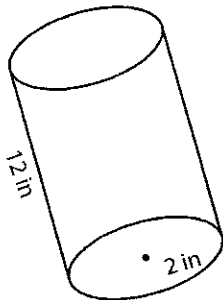
Volume =  $4082 m^3$

6)



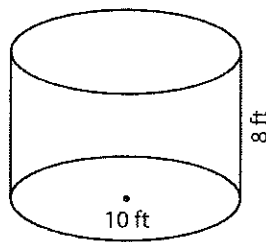
Volume =  $1582.56 ft^3$

7)



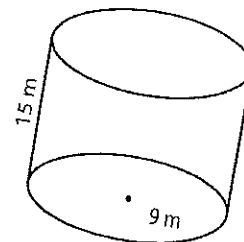
Volume =  $150.72 in^3$

8)



Volume =  $2512 ft^3$

9)



Volume =  $3815.1 m^3$

10) A cylindrical tube has a radius of 4 inches and a height of 14 inches. What is the volume of the tube?

Volume =  $175.84 in^3$

Name : \_\_\_\_\_

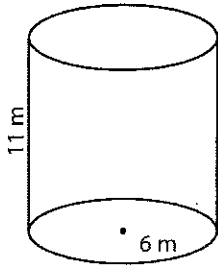
Score : \_\_\_\_\_

**Volume - Cylinder**

ES1

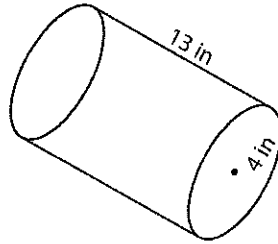
Find the exact volume of each cylinder.

1)



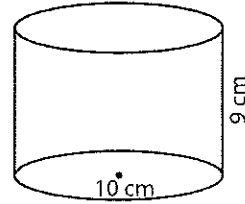
Volume = 1243.44 m<sup>3</sup>

2)



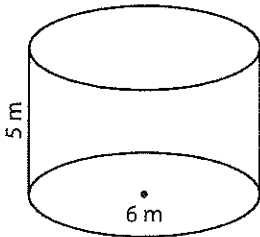
Volume = 653.12 in<sup>3</sup>

3)



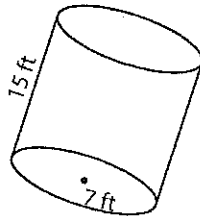
Volume = 2826 cm<sup>3</sup>

4)



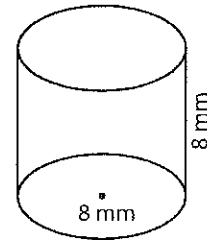
Volume = 565.2 m<sup>3</sup>

5)



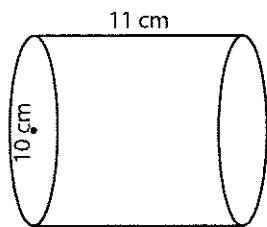
Volume = 2307.9

6)



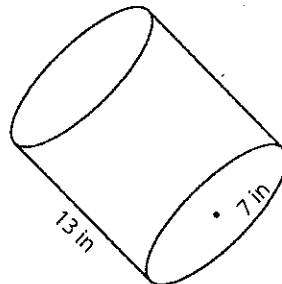
Volume = 1607.68 mm<sup>3</sup>

7)



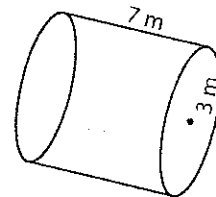
Volume = 3454 cm<sup>3</sup>

8)



Volume = 461.58 in<sup>3</sup>

9)



Volume = 197.82 m<sup>3</sup>

10) The cross-section of a pipe has a width of 6 centimeter and height of 15 centimeter. Calculate the volume of the pipe.

Volume = 211.95 cm<sup>3</sup>