Geometry   **WS: Volume Review: 9.4 & 9.5**   Name:_____
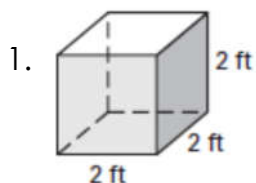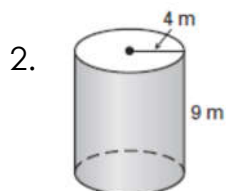

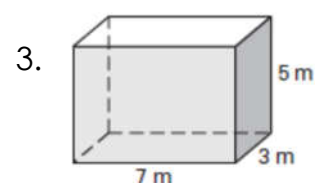|	
Volume of a PRISM: $(a\ of\ B)h$	**Volume of a CYLINDER:** $\pi r^2 h$
Volume of a PYRAMID: $\frac{(a\ of\ B)h}{3}$	**Volume of a CONE :** $\frac{\pi r^2 h}{3}$
Area of a triangle: $\frac{bh}{2}$ B = base of the solid	h = height of solid

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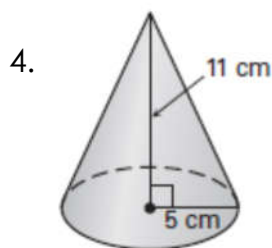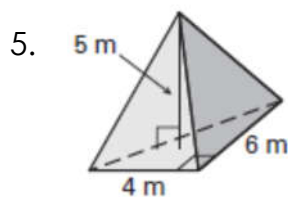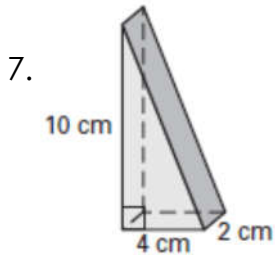*Name the solids and then find the volume of the figures. Use the formulas above!*

1.

2 ft
2 ft
2 ft

Name:

2.

4 m
9 m

Name:

3.

5 m
3 m
7 m

Name:

4.

11 cm
5 cm

Name:

5.

5 m
6 m
4 m

Name:

6.

8 cm
5 cm

Name:

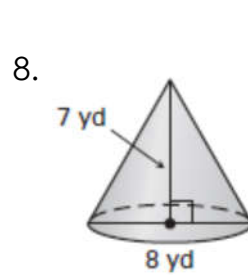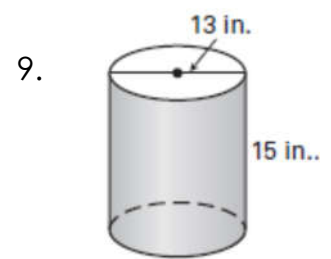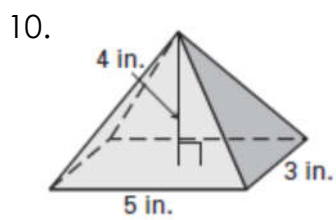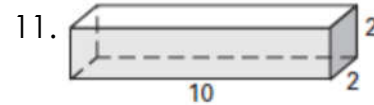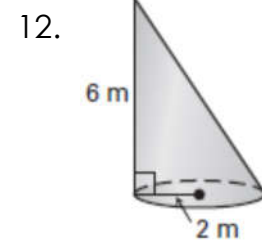| Volume of a PRISM: $(a \ of \ B)h$	Volume of a CYLINDER: $\pi r^2 h$
Volume of a PYRAMID: $\frac{(a \ of \ B)h}{3}$	Volume of a CONE : $\frac{\pi r^2 h}{3}$
Area of a triangle: $\frac{bh}{2}$ B = base of the solid	h = height of solid

7.

10 cm
4 cm 2 cm

Name:

8.

7 yd
8 yd

Name:

9.

13 in.
15 in..

Name:

10.

4 in.
3 in.
5 in.

Name:

11.

2
10
2

Name:

12.

6 m
2 m

Name: