
Day 5 – Volume

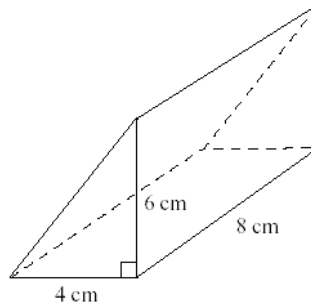
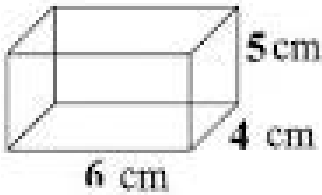
Volume of a Prism or Cylinder:

$$V = B \cdot h$$

Prisms:

1. $B = \underline{\hspace{2cm}}$, $V = \underline{\hspace{2cm}}$

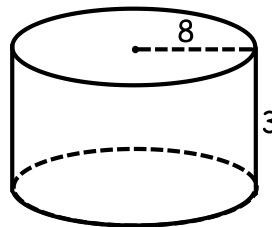
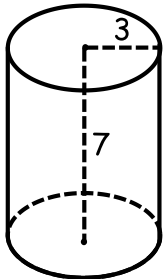
2. $B = \underline{\hspace{2cm}}$, $V = \underline{\hspace{2cm}}$



Cylinders:

3. $B = \underline{\hspace{2cm}}$, $V = \underline{\hspace{2cm}}$

4. $B = \underline{\hspace{2cm}}$, $V = \underline{\hspace{2cm}}$



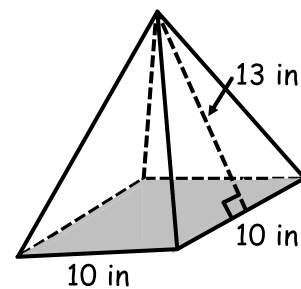
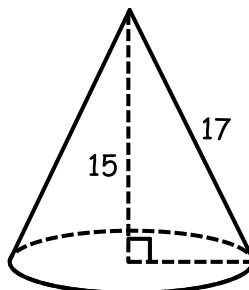
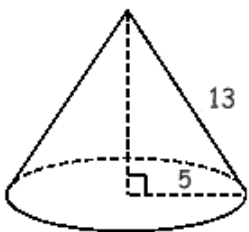
Volume of a Cone or Pyramid:

$$V = \frac{1}{3} B \cdot h$$

5. $B = \underline{\hspace{2cm}}$, $V = \underline{\hspace{2cm}}$

6. $B = \underline{\hspace{2cm}}$, $V = \underline{\hspace{2cm}}$

7. $B = \underline{\hspace{2cm}}$, $V = \underline{\hspace{2cm}}$

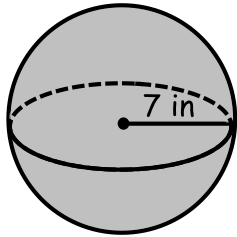


Volume of a Sphere:

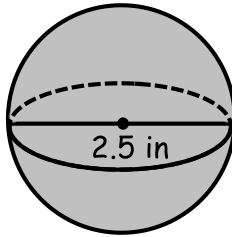
$$V = \frac{4}{3} \pi r^3$$

Find the volume of the sphere.

8. _____



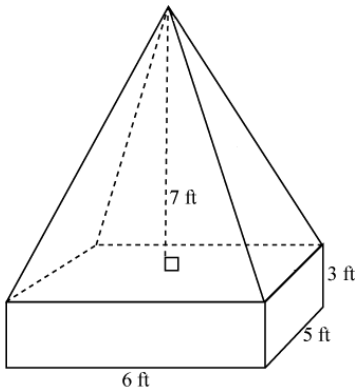
9. _____



10. What happens to the Volume of a sphere if you triple the radius?

Volume of Composite Figures

11. _____



12. _____

