

Geometry

Unit 6 Volume

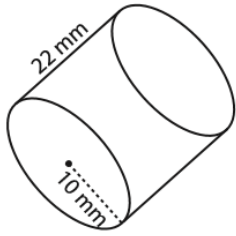
Day 2 – Practice Cylinder and Cones

Name _____

Date _____ Block _____

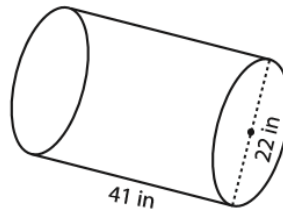
1. Find the Volume

$$V = \pi r^2 h$$



Volume= _____

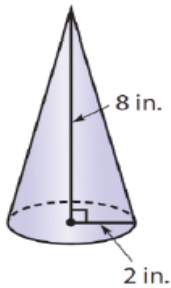
2. Find the Volume



Volume= _____

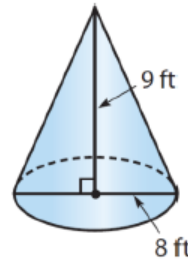
3. Find the Volume

$$V = \frac{1}{3} \pi r^2 h$$



Volume= _____

4. Find the Volume



Volume= _____

5. A cylinder has a volume of 2001.2 in^3 . If its height is 13, find its diameter.

$$V = \pi r^2 h$$

Diameter= _____

6. A cylinder with a radius of 3 in has a volume of 86 in^3 . Find the height of the cylinder.

$$V = \pi r^2 h$$

Cylinder= _____

7. A cone has height of 15 ft with a volume of 3014.4 ft^3 . Find the radius of the cone.

$$V = \frac{1}{3} \pi r^2 h$$

Radius:= _____

8. A cone has a diameter of 18 inches with a volume of 2544.69 in^3 . Find the height of the cone.

$$V = \frac{1}{3} \pi r^2 h$$

Height= _____