

Name: _____ Block: _____ Date: _____

Section 10-6 and 10-7: Volume of Geometric Solids

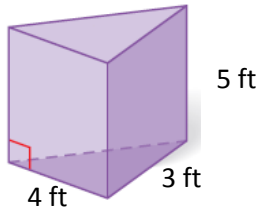
Volume: _____

PRISMS & CYLINDERS

General Formula:

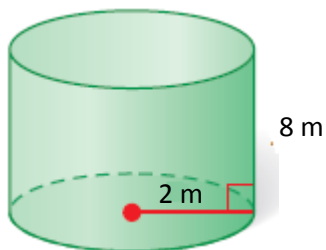
- Volume: _____

1.



Area of base: Answer _____	Lateral area: Answer _____
Total Area: Answer _____	Volume: Answer _____

2.



Area of base: Answer _____	Lateral area: Answer _____
Total Area: Answer _____	Volume: Answer _____

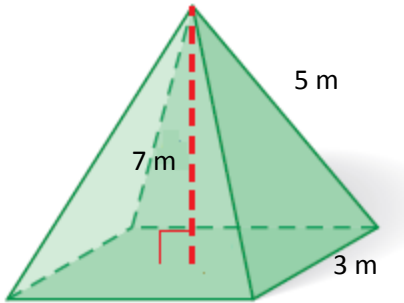
Name: _____ Block: _____ Date: _____

PYRAMIDS & CONES

General Formula:

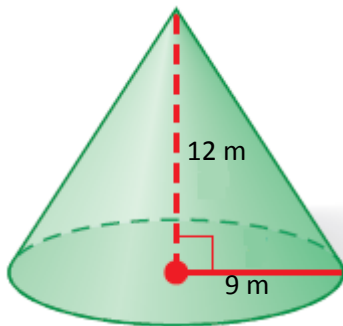
- Volume: _____

3.



Area of base: Answer _____	Lateral area: Answer _____
Total Area: Answer _____	Volume: Answer _____

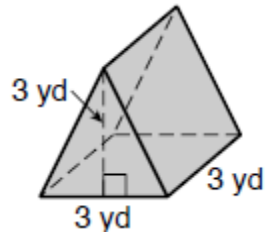
4.



Area of base: Answer _____	Lateral area: Answer _____
Total Area: Answer _____	Volume: Answer _____

CHAPTER 10 – DAY 3 HOMEWORK

1) NAME: _____



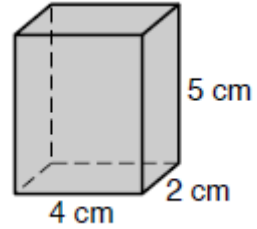
Base Area: _____

Lateral Area: _____

Total Area: _____

Volume: _____

2) NAME: _____



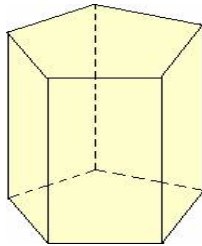
Base Area: _____

Lateral Area: _____

Total area Area: _____

Volume: _____

3) NAME: _____



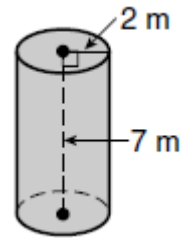
Base Area: _____

Lateral Area: _____

Total Area: _____

Volume: _____

4) NAME: _____



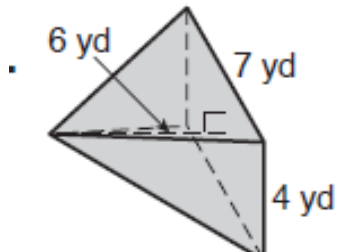
Base Area: _____

Lateral Area: _____

Total area Area: _____

Volume: _____

5) NAME: _____



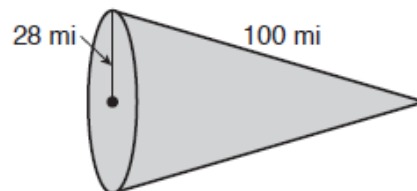
Base Area: _____

Lateral Area: _____

Total Area: _____

Volume: _____

6) NAME: _____



Base Area: _____

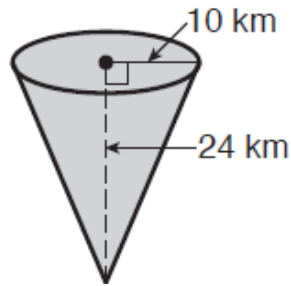
Lateral Area: _____

Total area Area: _____

Volume: _____

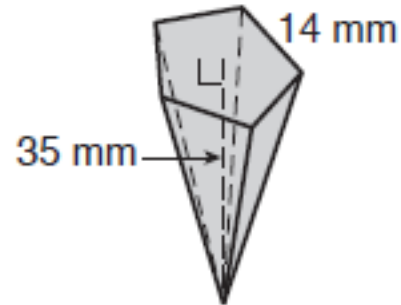
Name: _____ Block: _____ Date: _____

7) NAME: _____



Base Area: _____
Lateral Area: _____
Total Area: _____
Volume: _____

8) NAME: _____



Base Area: _____
Lateral Area: _____
Total area Area: _____
Volume: _____

9) Find the base circumference of a cone with height 5 cm and volume 125π

10) Find the volume of a square pyramid with slant height 17 in and surface area 800 in^2 .

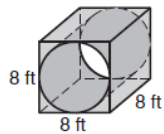
11) Find the height of a rectangular prism with length 5 ft., width 9 ft, and volume 495 ft^3 .

12) Find the volume of a cylinder with surface area $210\pi \text{ m}^2$ and height 8 m

BONUS PROBLEMS:

Find the VOLUME of the following:

1)



2)

