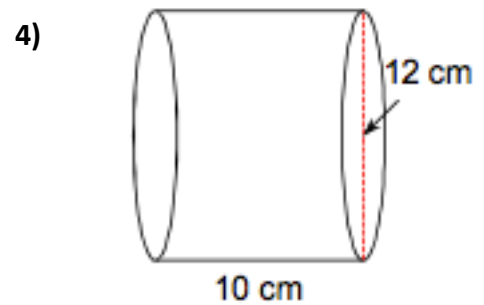
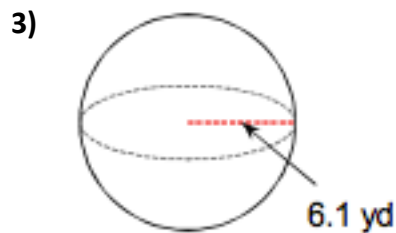
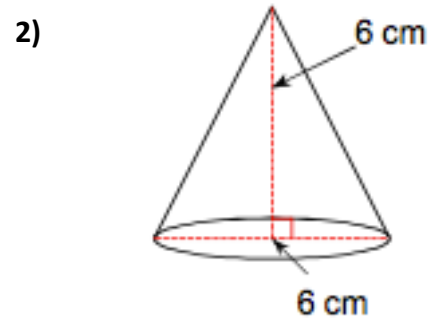
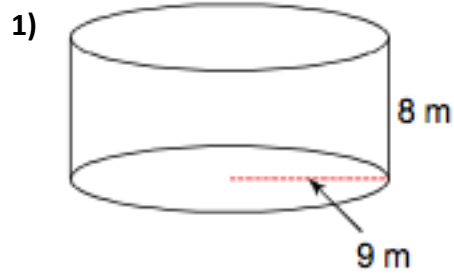


Unit 6: Volume

Day 7 Quiz Study Guide

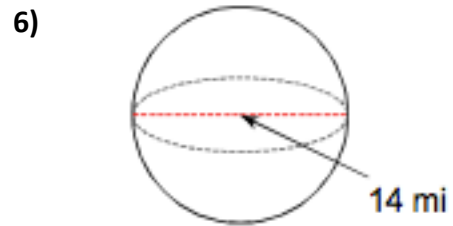
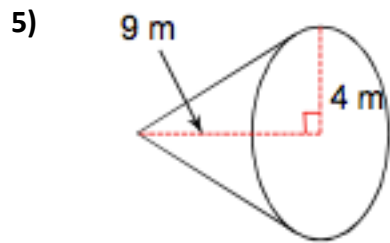
Directions: Find the volume of the given cylinders, cones, and spheres.

- Write down the formula you will be using for each problem.
- You may use a calculator, but you must write down everything you will be plugging into the calculator.
- You may use either the calculator  $\pi$  or 3.14.
- Round your solutions to the nearest 10<sup>th</sup>.
- Be sure to include units in your final answer.



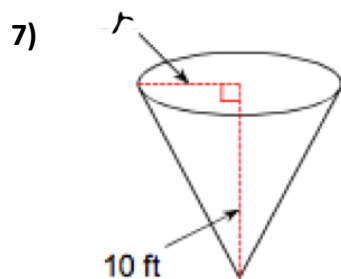
Directions: Find the volume of the given cylinders, cones, and spheres.

- Write down the formula you will be using for each problem.
- You may use a calculator, but you must write down everything you will be plugging into the calculator.
- You may use either the calculator  $\pi$  or 3.14.
- Round your solutions to the nearest 10<sup>th</sup>.
- Be sure to include units in your final answer.

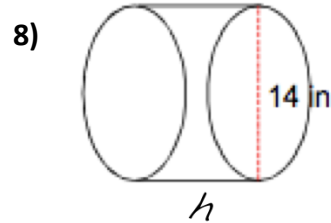


Directions: Find the missing dimension of the given cylinder and cone.

- Write down the formula you will be using for each problem.
- You may use a calculator, but you must write down everything you will be plugging into the calculator.
- You may use either the calculator  $\pi$  or 3.14.
- Round your solutions to the nearest 10<sup>th</sup>.
- Be sure to include units in your final answer.



$V \approx 107.7 \text{ ft}^3$   
 $r \approx \underline{\hspace{2cm}}$

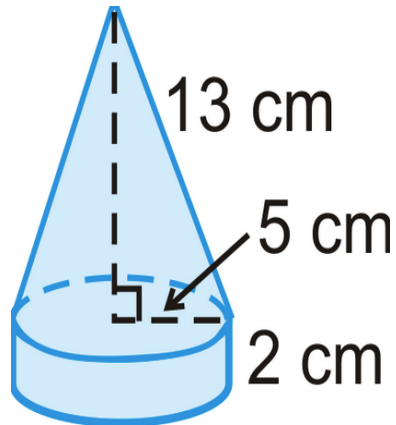


$V \approx 1,538.6 \text{ in}^3$   
 $h \approx \underline{\hspace{2cm}}$

Directions: Find the volume of the composite figures.

- Write down the formula(s) you will be using for each problem.
- You may use a calculator, but you must write down everything you will be plugging into the calculator.
- You may use either the calculator  $\pi$  or 3.14.
- Round your solutions to the nearest 10<sup>th</sup>.
- Be sure to include units in your final answer.

9)



10)

