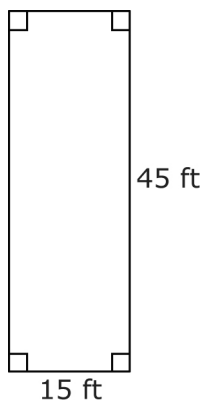


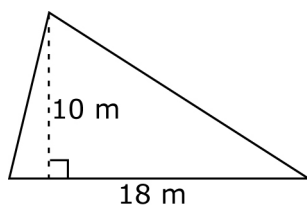
# Chapter 3 Warm-Up

## Section 3.1 Warm-Up

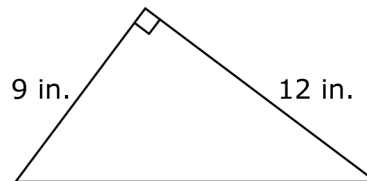
1. Calculate the area of the rectangle.



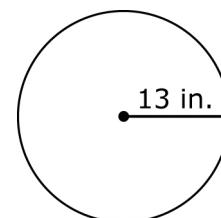
2. Calculate the area of the triangle.



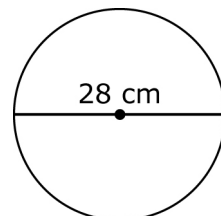
3. Calculate the area of the triangle.



4. Calculate the area of the circle, to the nearest square unit.

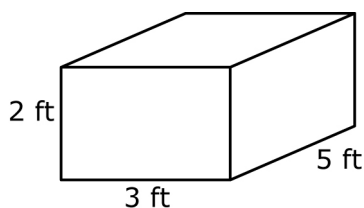


5. Calculate the area of the circle, to the nearest square unit.



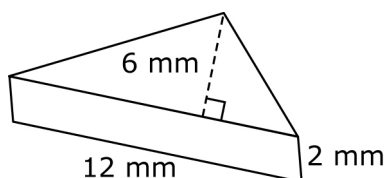
## Section 3.2 Warm-Up

1. Calculate the area of the base of this prism.



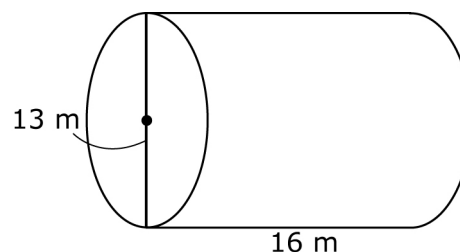
2. Calculate the volume of the prism in #1.

3. Calculate the area of the base of this prism.



4. Calculate the volume of the prism in #3.

5. Calculate the volume of the cylinder, to the nearest cubic metre.

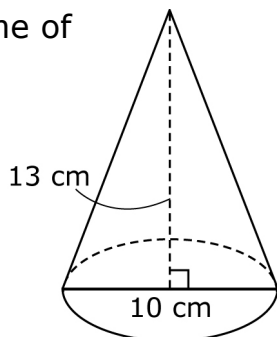


### Section 3.3 Warm-Up

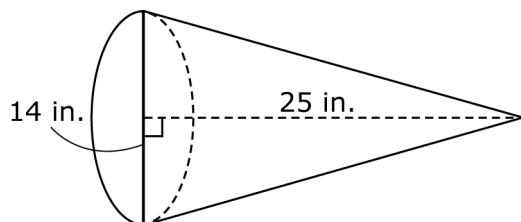
1. Convert 3 gallons to quarts.
2. Convert 6 cups to fluid ounces.
3. Convert 12 fluid ounces to cups.
4. Convert 5 quarts to cups.
5. How many 125-mL glasses can be filled with a 5-L water tank?

### Section 3.4 Warm-Up

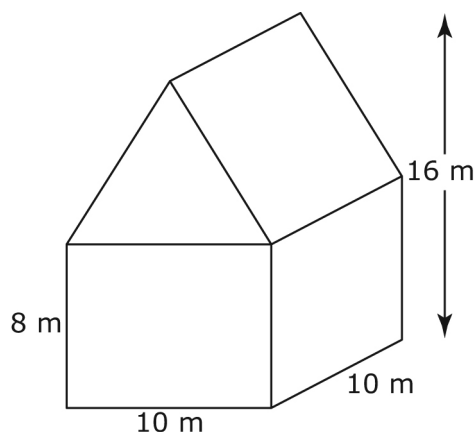
1. Calculate the volume of the cone.



2. Calculate the volume of the cone.



3. What two individual 3-D shapes create this figure?



4. Calculate the volume of the composite figure in #3.
5. Calculate the air capacity of a room that has a ceiling height of 8 feet and the floor layout illustrated below.

