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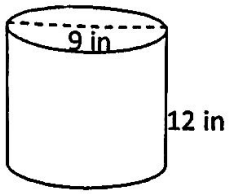
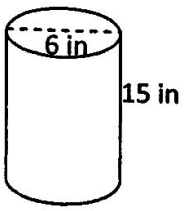
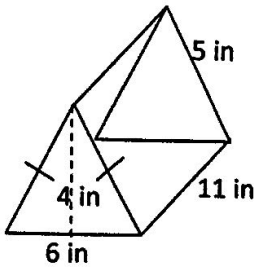
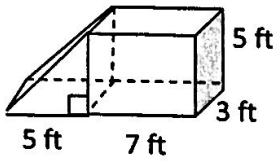
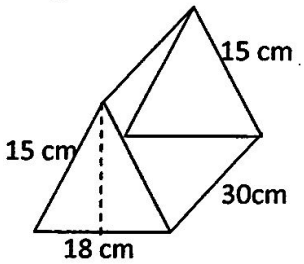
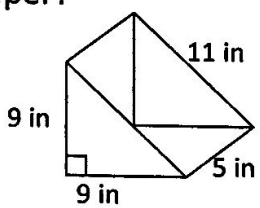
|---|---|---|
| 1) Find the Volume<br>  <br> | 2) Find the Surface Area<br>  <br> | 3) Find the Volume<br>  <br> |
| 4) What is the volume of the composite figure?<br>  <br> | 5) How much paper is needed to make a label to cover a soup can that is 6 in tall and has a diameter of 3 in.? | 6) The surface area of a cube is 96 $in^2$. What is the volume of the cube? |
| 7) Jenny purchased a box of crackers from the deli. The box is in the shape of a triangular prism (see diagram below). If the volume of the box is 3,240 $cm^3$, what is the height of the triangular face of the box?<br>  <br> | 8) How much would it cost to paint the walls of a classroom that is a perfect rectangular prism; 28 ft long, and 18 feet wide, with walls that are 10 feet tall. The room has one door that is 8ft by 3 ft and 3 windows that are 2 ft wide and 5 ft tall that will not need paint. Each gallon of paint will cover 350 square feet and one gallon of paint cost $12.00? | 9) Myasia covered the triangular prism box below with sticky-backed decorating paper. The paper costs $0.03 per square inch. How much money will Myasia need to spend on paper?<br>  <br> |
| 10) One bag of fertilizer will cover 10,000 square feet of lawn. How many bags of fertilizer will you need to fertilize the foot field, that is 360 feet by 160 feet. | 11) How much will a wheat farmer make if he fills his cylindrical silo that is 30 feet tall and 16 feet in diameter? The farmer get's paid $5 a bushel and a bushel is equivalent to 1.244 cubic feet. | 12) The volume of a 10 in tall cylinder is 785. What is the radius of the cylinder? Use 3.14 for pi. |