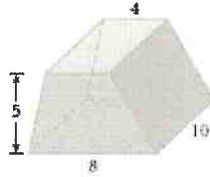


Problems 1 – 3: Find the volume of each solid. All lengths are in centimeters.

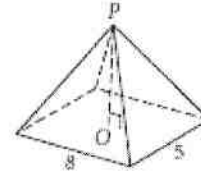
1. Right triangular prism



2. Trapezoidal prism

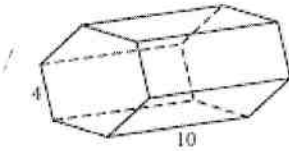


Rectangular pyramid; $OP = 6$



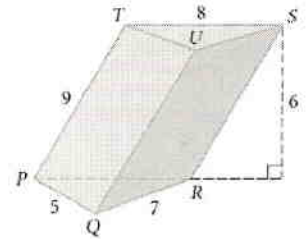
4. Find the surface area of:

Regular hexagonal prism

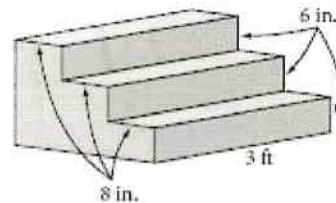


5. In the following shape identify:

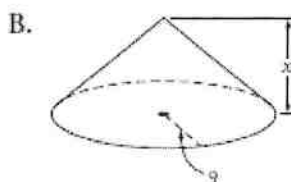
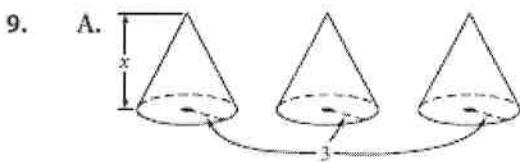
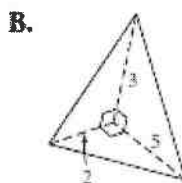
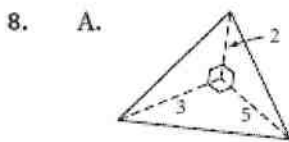
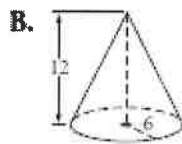
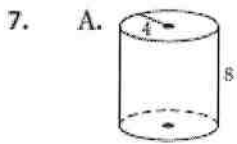
- The base _____
- A lateral edge _____
- The height _____
- The polyhedron name _____
- The most specific name _____



6. You need to build a set of solid cement steps for the entrance to your new house. How many cubic feet of cement do you need?



In Exercises 7–9, find the volume of each figure and tell which volume is larger.



10. What is the formula for the Surface Area of a cone? _____