

## Volume (Section 14.5)

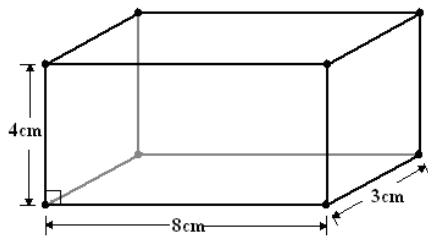
**Volume:** Think about how much space something can hold.

Examples:

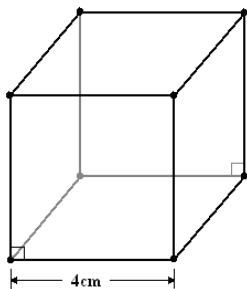
**Cavalieri's Principle:**

**Prisms:**

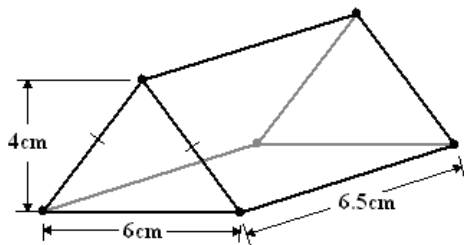
a. Rectangular Prism



b. Cube

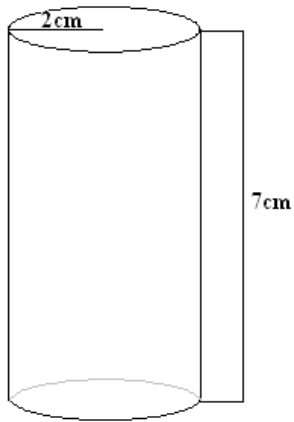


c. Triangular Prism



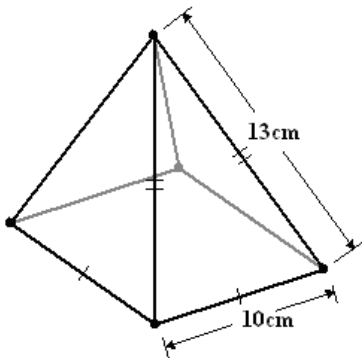
### **Cylinders:**

Right Circular Cylinder

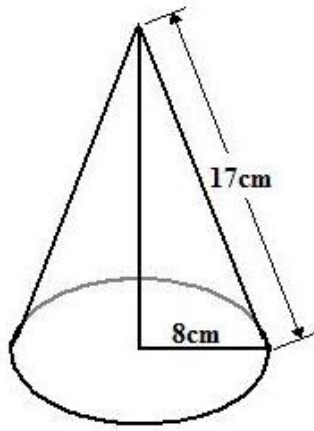


### **Pyramids:**

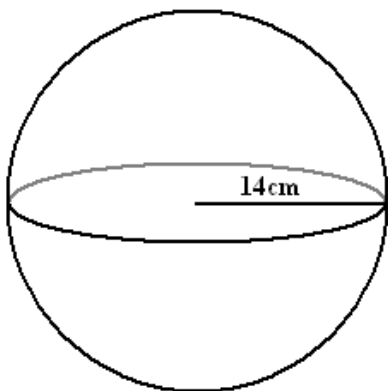
Rectangular (Square) Pyramid



**Cones:**  
Right Circular Cone



**Spheres:**



**Homework:** Assessment 14-5B (Page 910) 3, 4, 8, 11, 13