

CP Geometry
Volume of 3D Figures

Name: _____

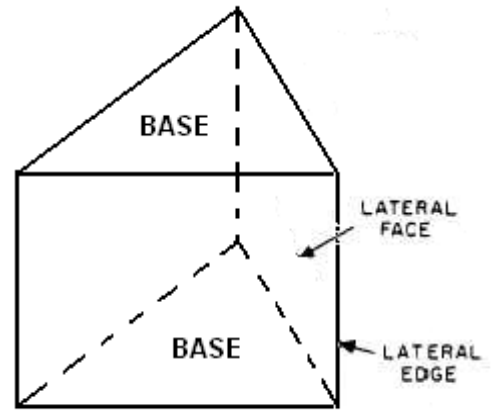
1.) Prism:

2.) Base:

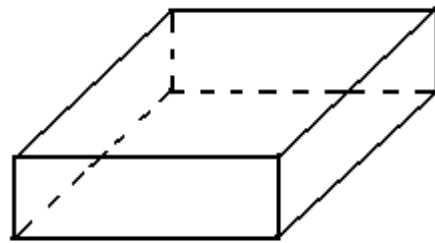
3.) Lateral Faces:

4.) Oblique Prisms:

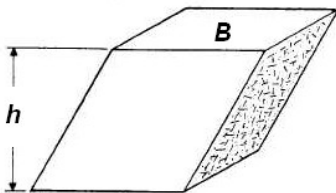
5.) Height:



Volume of a Rectangular Prism:



Volume (in general):



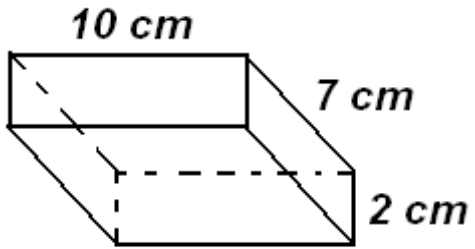
$V =$

Cavalieri's Principle

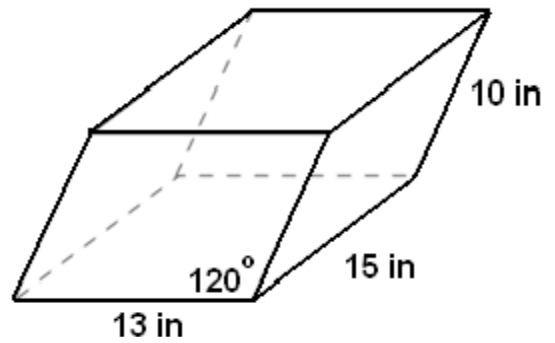


Find the volume of the figure in each problem...

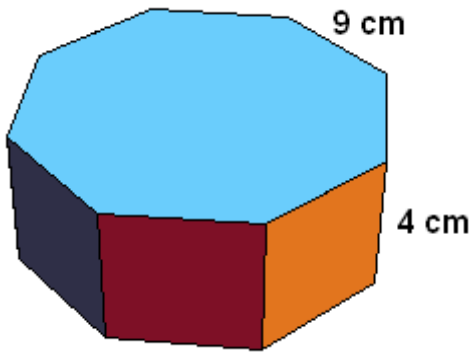
[EX 1] (Rectangles)



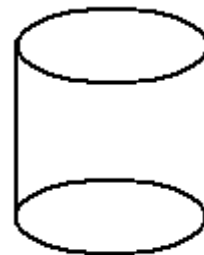
[EX 2] P-grams with Rectangular Bases



[EX 3] Octagonal Prism



[EX 4] Right Cylinder
(Radius = 4.9 cm; Height = 4 cm)



[EX 5] Radius = 3 cm

