Lesson 12-4 12-5

Volume of

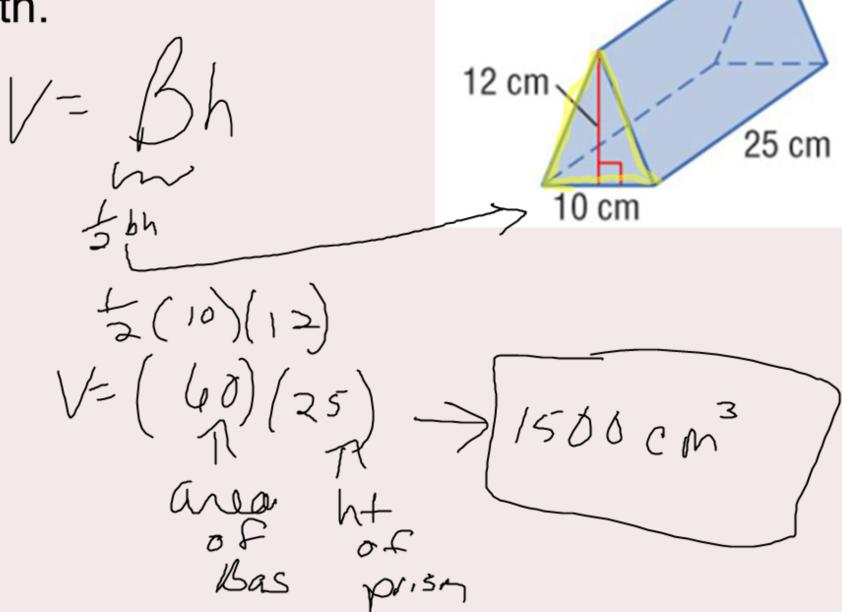
Prisms, Pyramids, Cylinders and Cones

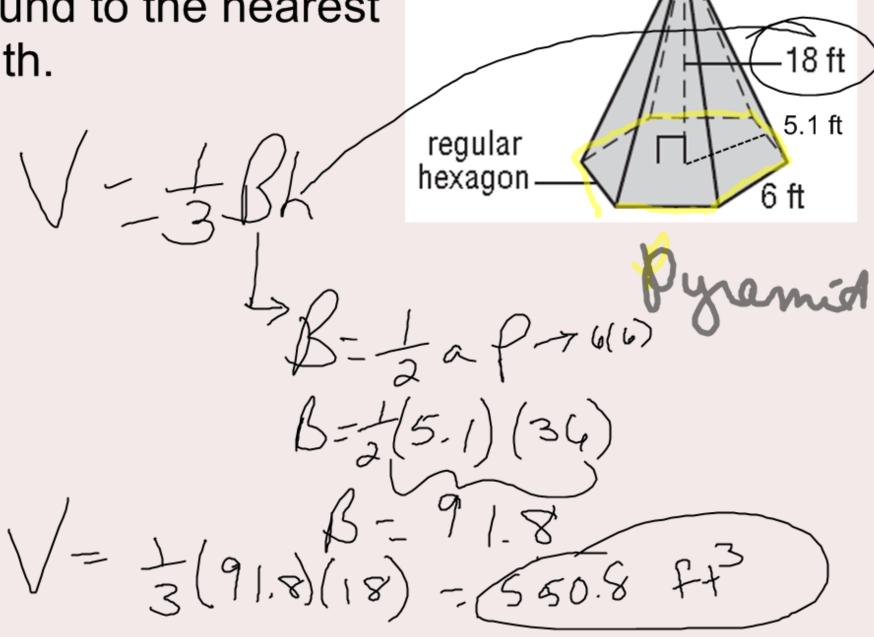


You will be able to find the volume of prisms, cylinders, pyramids and cones

Volume of Prisms and Pyramids

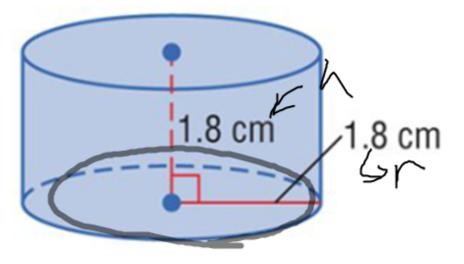
	Solid	Area	Volume
	Prism		Wea height poin
(Pyramid		V= 1-Bh





Volume of Cylinders and Cones

1	Solid	Area	Volume
	Cylinder	L=2477h	V=Bh V=14r2h
	Cone		V= \frac{1}{3Bh} V= \frac{1}{3Mr^2h}

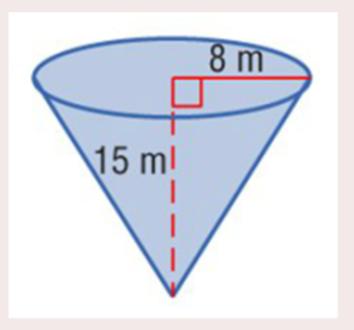


$$\sqrt{-18}$$
 $\sqrt{-17}$
 $\sqrt{-17}$
 $\sqrt{-17}$
 $\sqrt{-18}^{2}$
 $\sqrt{-18}$
 $\sqrt{-18}$
 $\sqrt{-18}$

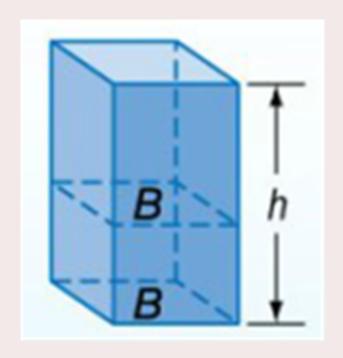
Cone

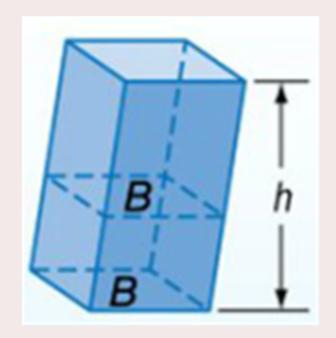
$$V = \frac{1}{3}Bh$$

 $V = \frac{1}{3}Tr^2h$
 $V = \frac{1}{3}Tr(8)^2 15$
 $V = 1005 = 3$ m³

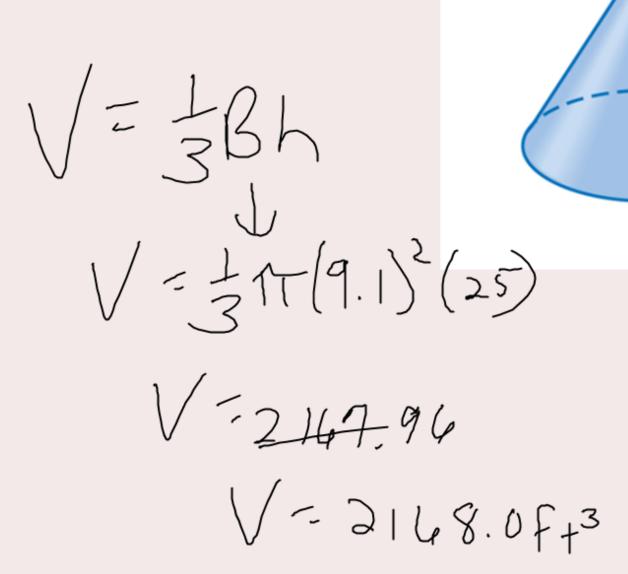


Volume of an Oblique Solid





Find the volume of the oblique cone. Round to the neares tenth.



25 ft

9.1 ft