

MasterMath

Name _____
Date _____

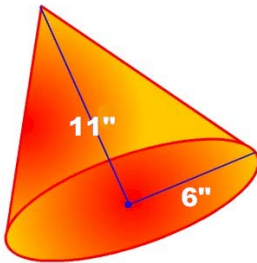
Volume of Prisms, Cylinders, Pyramids and Cones

1. Calculate the volume of each of these figures

Shape	Base			Solid	
	radius	height	base	Height	Volume
rectangular pyramid		12"	6"	15"	360 cu in
cone	11 cm			15 cm	1,899.7 cu cm
cylinder	8'			10'	2,009.6 cu ft
rectangular prism		25mm	20mm	30mm	15,000 cu mm
triangular prism		8"	6"	10"	240 cu in

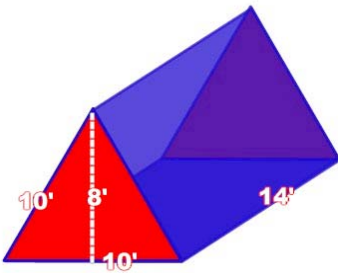
2. What is the volume of this solid?

414.48 cu in



3. What is the volume of this solid?

560.0 cu ft



4. This cup has a base diameter of 3", and a height of 4". What is the volume of the cup?

9.42 cu in



5. A rectangular prism has a base of 6 cm by 5 cm, and a height of 12 cm. What is the volume of this solid?

360 cu cm