

**Objective:** to apply volumes and surface areas of 3-D figures

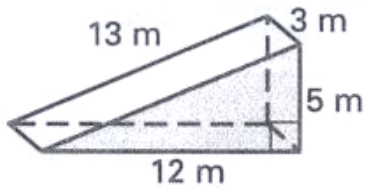
<b>Formulas:</b>	Prism	$V = Bh$	Cone	$V = \frac{1}{3}\pi r^2 h$	$SA = \pi r^2 + \pi rl$
	Cylinder	$V = \pi r^2 h$	Sphere	$V = \frac{4}{3}\pi r^3$	$SA = 4\pi r^2$
	Pyramid	$V = \frac{1}{3}Bh$			

**Examples:** For each shape below, identify its surface area and volume.

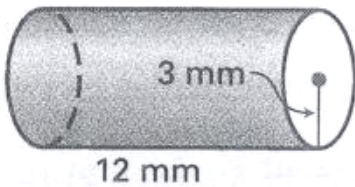
Surface Area:

Volume:

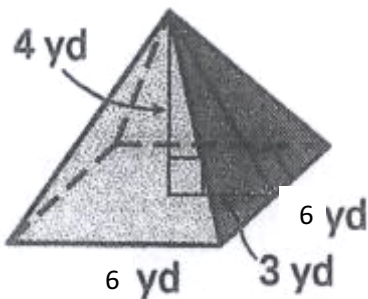
1.



2.



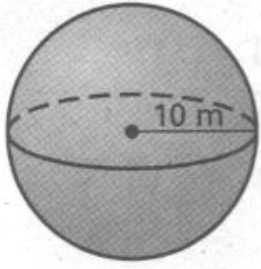
3.



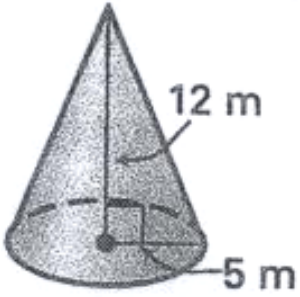
Surface Area:

Volume:

4.



5.



6.

