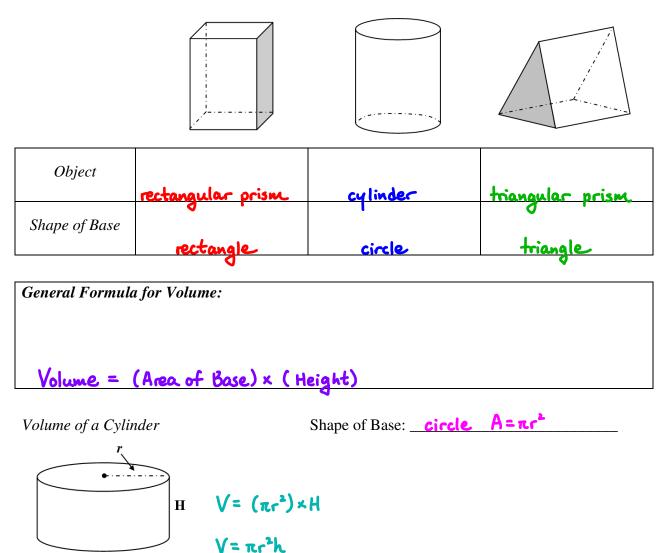
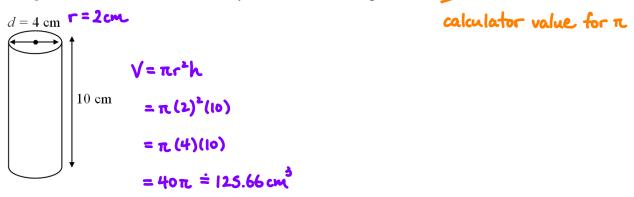
7.3 - VOLUME OF A CYLINDER

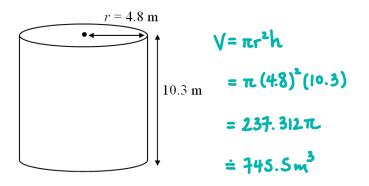
Recall:



Example 1: Find the volume of the Cylinder to 2 decimal places. Use $\pi = 3.14$.



Example 2: Estimate the Volume of the following Cylinder then calculate the actual volume to the nearest tenth of a cubic metre.



Example 3: Given that the area of the base of a cylinder is $24.5 m^2$ and the Volume is $44.1 m^3$, what is its height?

 $V = \pi r^{2}h$ 44.1m³ = (24.5m²)h ÷24.5 ÷24.5 1.8m = h

Assignment: p. 264 #4 – 7 (ac), 8, 12 – 14, 16