

Area Formulas that you should already know:

$$\text{Rectangle} = L \times W$$

$$\text{Triangle} = (1/2)bh$$

$$\text{Trapezoid} = [(B1+B2)/2] \times h$$

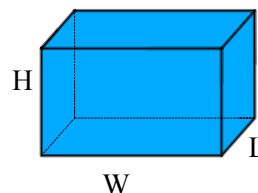
$$\text{Circle} = (\pi)r^2$$

$$\text{Circumference} = 2(\pi)r$$

Rectangular Prisms:

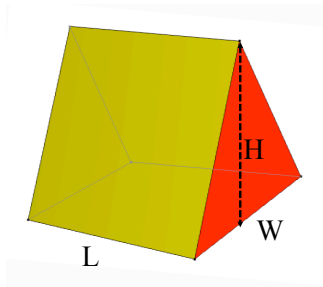
$$\text{Surface Area} = 2(L \times W) + 2(L \times H) + 2(W \times H)$$

$$\text{Volume} = L \times W \times H$$



Triangular Prisms:

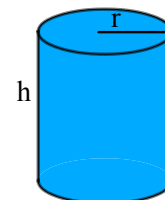
$$\text{Volume} = (1/2)(L \times W \times H)$$



Cylinders:

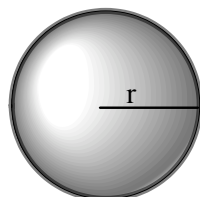
$$\text{Surface Area} = 2(\pi)r^2 + 2(\pi)rh$$

$$\text{Volume} = (\pi)r^2h$$



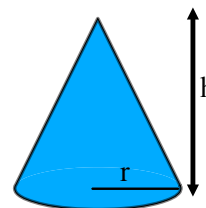
Spheres:

$$\text{Volume} = (4/3)(\pi)r^3$$



Cones:

$$\text{Volume} = (1/3)(\pi)r^2h$$



Pyramids:

$$\text{Volume} = (1/3)(L \times W \times H)$$

