Slope = $\frac{y_2 - y_1}{x_2 - x_1}$

Midpoint = $\left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2}\right)$

Distance = $\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$

Circle:

Radius r	Radius r
Center $(0,0)$	Center (h,k)
$x^2 + y^2 = r^2$	$(x-h)^2 + (y-k)^2 = r^2$

Area of trapezoid = $\left(\frac{b_1 + b_2}{2}\right)h$

Volume of a Prism = area of the base × height

Volume of a Pyramid = (area of the base × height) / 3

Surface Area of a 3D object = the sum of all the areas of its surfaces