Pythagorean Theorem – Distance Formula

$$c^2 = a^2 + b^2$$

$$d=\sqrt{a^2+b^2}$$

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

Equation of a Circle

 $r^2 = (x - h)^2 + (y - k)^2$

Trig Identity

 $\cos^2 x + \sin^2 x = 1$