$$a = r\theta \qquad 2\pi = 360^\circ$$

$$y = a\sin k(x-d) + c$$

$$y = a\cos k(x-d) + c$$

$$\csc\theta = \frac{1}{\sin\theta} \qquad \sec\theta = \frac{1}{\cos\theta} \qquad \cot\theta = \frac{1}{\tan\theta}$$

$$\frac{\sin\theta}{\cos\theta} = \tan\theta \qquad \frac{\cos\theta}{\sin\theta} = \cot\theta$$

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

$$\cos 2A = \cos^2 A - \sin^2 A$$

$$\sin 2A = 2\sin A\cos A$$

$$\sin(A+B) = \sin A\cos B + \sin B\cos A$$

$$\sin(A-B) = \sin A\cos B - \sin B\cos A$$

$$\cos(A+B) = \cos A\cos B - \sin A\sin B$$

$$\cos(A-B) = \cos A\cos B + \sin A\sin B$$