1. Raons trigonomètriques angles principals

Angle	sin	cos
30°	$\frac{1}{2}$	$\frac{\sqrt{3}}{2}$
45°	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{2}}{2}$
60°	$\frac{\sqrt{3}}{2}$	$\frac{1}{2}$

2. Relació entre sin i cos d'un angle qualsevol

$$sin^2\alpha + cos^2\alpha = 1 \tag{1}$$

3. Angle suma i l'angle diferència

$$sin(\alpha + \beta) = sin\alpha \cdot cos\beta + cos\alpha \cdot sin\beta \tag{2}$$
$$sin(\alpha - \beta) = sin\alpha \cdot cos\beta - cos\alpha \cdot sin\beta \tag{3}$$
$$cos(\alpha + \beta) = cos\alpha \cdot cos\beta - sin\alpha \cdot sin\beta \tag{4}$$
$$cos(\alpha - \beta) = cos\alpha \cdot cos\beta + sin\alpha \cdot sin\beta \tag{5}$$

4. Angle doble i angle meitat

$$sin(2\alpha) = 2sin\alpha cos\alpha \tag{6}$$
$$cos(2\alpha) = cos^2\alpha - sin^2\alpha \tag{7}$$
$$sin\frac{\alpha}{2} = \pm\sqrt{\frac{1 - cos\alpha}{2}} \tag{8}$$
$$cos\frac{\alpha}{2} = \pm\sqrt{\frac{1 + cos\alpha}{2}} \tag{9}$$

5. Transformació de sumes en productes

$$sinA + sinB = 2sin(\frac{A + B}{2}) \cdot cos(\frac{A - B}{2}) \tag{10}$$
$$sinA - sinB = 2cos(\frac{A + B}{2}) \cdot sin(\frac{A - B}{2}) \tag{11}$$
$$cosA + cosB = 2cos(\frac{A + B}{2}) \cdot cos(\frac{A - B}{2}) \tag{12}$$
$$cosA - cosB = -2sin(\frac{A + B}{2}) \cdot sin(\frac{A - B}{2}) \tag{13}$$

6. Teorema del sinus

$$\frac{a}{sinA} = \frac{b}{sinB} = \frac{c}{sinC} \tag{14}$$

7. Teorema del cosinus

$$c^2 = a^2 + b^2 - 2abcosC \tag{15}$$