

## EQUAZIONI CON FORMOLE DI GONIOMETRIA

$$1) \cos 2x + \sin^2 x = 0$$

$$2) 3 \sin 2x + 10 \sin x = 0$$

$$3) 2 \sin \left( x + \frac{\pi}{6} \right) \cdot \cos x = 1$$

$$4) 2 \sin \left( x + \frac{\pi}{4} \right) = \sqrt{2} (1 + \sin x)$$

$$5) 4 \cos x + \operatorname{tg} \frac{x}{2} = 3$$

$$6) 3 \sin^2 x + \operatorname{tg} x - 2 \cos^2 x = 2$$

$$7) 2 \sin \left( x - \frac{\pi}{4} \right) = \sqrt{2} (1 - \cos x)$$

$$8) \sin^2 2x - 2 - 2 \cos 2x = 0$$