



CLASSE 3^A LICEO CLASSICO

18 Novembre 2008

EQUAZIONI GONIOMETRICHE

COGNOME _____ NOME _____

1. $4 \operatorname{sen}^2 x \cos^2 x = 1$ _____ / 2
2. $\operatorname{sen} x - \operatorname{tg} x = 0$ _____ / 3
3. $3 \cos x + 2 (\cos^2 x + 2 \operatorname{sen}^2 x) = 2$ _____ / 4
4. $\operatorname{sen} x (2 \operatorname{sen} x + 1) = 1$ _____ / 3
5. $(2 \operatorname{tg} x + \sqrt{3})^2 = 3$ _____ / 3
6. $\cos \left(x + \frac{2}{3} \pi \right) = \cos (\pi - x)$ _____ / 3,5
7. $\frac{\cos x}{1 - \operatorname{sen} x} = \sqrt{3}$ _____ / 4,5
8. $5 \operatorname{sen}^2 x + (\sqrt{3} - 1) \operatorname{sen} x \cos x + (4 - \sqrt{3}) \cos^2 x = 4$ _____ / 3,5
9. $\cos 3x - \operatorname{sen} 3x = 1$ _____ / 4