

Prova libera n. 2 - Soluzioni

1. $\frac{(n-1)!}{2}$
2. $z = 2, \quad z = -1 + i\sqrt{3}, \quad z = -1 - i\sqrt{3}$
3. $z = \sqrt{2}(-1 + i)$ e $z = \frac{\sqrt{2}}{2}(-1 + i)$
4. $w = 1 - i, \quad z = \frac{1 + i}{2}$
5. 1
6. $x \neq k\pi/2$ con $k \in \mathbf{Z}$
7. e^{-4}
8. 9
9. $\binom{2n}{n}, \quad 5^{-n}n^n, \quad n!$
10. 1