

Discriminant

Find the discriminant of each quadratic equation.

1) $z^2 + 6z + 12 = 0$

2) $6t^2 + 5 = 0$

3) $d^2 - d + 8 = 0$

4) $4s^2 - 9s = 0$

5) $8c^2 - 7 = 0$

6) $10q^2 - 7q + 3 = 0$

7) $7a^2 + 2a - 4 = 0$

8) $2n^2 - 4n - 6 = 0$

9) $3x^2 + 5x = 0$

10) $5r^2 + 8r - 3 = 0$