

Discriminant

Find the discriminant of each quadratic equation.

1) $7x^2 + 8x = -3$

2) $a(4a + 3) + 1 = 0$

3) $7b + 2 = 6b^2$

4) $6 - t^2 = -5t$

5) $-3u^2 = -1$

6) $9v^2 + 3 = 10v$

7) $5 - p = 2p^2$

8) $(s + 1)(s - 3) = 0$

9) $y(3y + 2) = 4$

10) $4r^2 - 9r = 0$

11) $1 = -4q - 10q^2$

12) $c^2 - 7 = 0$
