Discriminant

Find the discriminant of each quadratic equation.

1) $6x^2 + 3x = 7$

2) $-2a = -5a^2$

3) $9 = p(4 + p) + 5$

4)

7)

10) $5v + 2v^2 = 1 + v$

11) $-8 = 3(w^2 - 1)$

12) $q = 7q^2 + 2$