

**Find the discriminant of each quadratic equation then state the number and type of solutions.**

1)  $7a^2 - 9a + 4 = 0$

2)  $-k^2 + 6k - 9 = 0$

3)  $5n^2 - 10n + 5 = 0$

4)  $6m^2 + 7m - 5 = 0$

5)  $2r^2 - 3r - 2 = 0$

6)  $4p^2 - 5p + 10 = 0$