Higher Maths question bank :: Paper 1
03. Quadratic roots

1. Find possible values of k, such that quadratic equation $x^2 + (k-5)x + 1 = 0$ has equal roots.

2. Find possible values of n, such that quadratic equation $x^2 + (n-7)x = -4$ has equal roots.

3. Find possible values of m, such that quadratic equation $x^2 + (m-3)x + 1 = 0$ has equal roots.

4. Find possible values of p, such that quadratic equation $x^2 - (p+2)x + 1 = 0$ has equal roots.