



Leith Academy National 5 Home Learning



QUADRATIC EQUATIONS

CALCULATOR

1) Solve these equations by factorising.

a) $x^2 + 2x + 1 = 0$

b) $x^2 - 9 = 0$

c) $x^2 + 5x + 4 = 0$

d) $x^2 + 3x - 10 = 0$

e) $2x^2 - x - 6 = 0$

2) Solve the equations giving the roots correct to 2 decimal places.

a) $x^2 - 6x + 4 = 0$

b) $x^2 - 7x - 1 = 0$

c) $x^2 + 10x + 4 = 0$

d) $3x^2 - x - 11 = 0$

e) $-2x^2 + 5x + 3 = 0$