

Solve the quadratic equation.

1) $x^2 + 10x + 9 = (x + 6)(x + 3)$

2) $\sqrt{x+1} = 2 - \sqrt{x}$

3) $6x + 54x - 54 = 0$

4) $\frac{x-1}{x} = 4$

5) $4x^2 + 29x - 6 = 0$