

Algebra 2 Factorising Quadratic Equations

Example 1

Factorise: $x^2 + 12x + 35$

Example 2

Factorise $2x^2 - x - 6$

Question 1:

Factorise:

(i) $X^2 - 8x + 15$

(ii) $X^2 + 3x - 28$

(iii) $X^2 + 7x + 10$

(iv) $X^2 - 5x + 6$

(v) $2x^2 - 3x - 2$

(vi) $3x^2 - 7x + 2$

(vii) $3x^2 + 19x - 14$

(viii) $3x^2 - 13x - 10$

(ix) $5x^2 - 13x - 6$

(x) $5x^2 - 13x + 6$