

[11-04-20-T8]

Factor polynomials

■ Factor

[1] $x^2 + 7x + 12$

[2] $2a^2 + 22a + 60$

[3] $6x^2 + 6x - 72$

[4] $x^2 - x - 12$

[5] $2x^2 + 3x + 1$

[6] $12x^2 - 4x - 8$

[7] $x^2 - 4x$

[8] $x^2 + 13x + 12$

[9] $x^2 - 13x + 40$

[10] $x^2 - 10x + 21$

Answers

[1] $(x + 3)(x + 4)$

[2] $2(a + 5)(a + 6)$

[3] $6(x - 3)(x + 4)$

[4] $(x + 3)(x - 4)$

[5] $(2x + 1)(x + 1)$

[6] $4(3x + 2)(x - 1)$

[7] $x(x - 4)$

[8] $(x + 1)(x + 12)$

[9] $(x - 5)(x - 8)$

[10] $(x - 7)(x - 3)$