Factoring Trinomials

Factor the trinomials.

$5x^2 - 34x - 7$ $9x^2 - 18x - 40$

$2x^2 + 9x - 81$ $4x^2 + 16x - 9$

$3x^2 - 8x - 60$ $15x^2 - 17x - 18$

$5x^2 + x - 6$ $6x^2 - 7x - 10$

$3x^2 - x - 14$ $4x^2 + 33x - 70$

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Factoring Trinomials

Factor the trinomials.

$5x^2 - 34x - 7$

$= (x - 7)(5x + 1)$

$9x^2 - 18x - 40$

$= (3x - 10)(3x + 4)$

$2x^2 + 9x - 81$

$= (x + 9)(2x - 9)$

$4x^2 + 16x - 9$

$= (2x + 9)(2x - 1)$

$3x^2 - 8x - 60$

$= (x - 6)(3x + 10)$

$15x^2 - 17x - 18$

$= (3x + 2)(5x - 9)$

$5x^2 + x - 6$

$= (5x + 6)(x - 1)$

$6x^2 - 7x - 10$

$= (x - 2)(6x + 5)$

$3x^2 - x - 14$

$= (3x - 7)(x + 2)$

$4x^2 + 33x - 70$

$= (4x - 7)(x + 10)$