

- Factor $6x^2 - 13x - 5$
- Factor $12x^2 - 31x + 20$
- Factor $16x^2 + 20x - 6$
- Factor $-6x^2 - 40x + 14$
- Factor $15x^2 + x - 2$
- Factor $56x^2 + 9x - 2$
- Factor $12x^2 - 28x + 15$
- Factor $15x^2 - 195x + 600$
- Factor $12x^2 + 12x - 144$
- Factor $8x^2 - 24x - 80$
- Factor $6x^2 - 90x + 336$
- Factor $6x^2 + 27x - 15$
- Factor $5x^2 - 15x + 2x - 6$
- Factor $4x^3 - 4x + 3x^2 - 3$
- Factor $5x^2 - 20 - 3x^3 + 12x$
- Factor $(2x - 3)^2 - (4x + 5)^2$

Expand and simplify $3(x+4)(x-2) - 4(2x+1)(5x-3)$

Expand and simplify $-(3x+1)(x-7) + 4(2x-1)^2$

Expand and simplify $5(2x-3)(2x+3) - 3(2x-3)^2$

Expand and simplify $-4(x-3)^2 + 3(2x-5)^2$

Expand and simplify $(4x-1)(3x+2)(x+3)$

Determine the zeros of $y = 2x^2 + 7x - 30$

Determine the zeros of $y = 2x^2 - 7x - 72$

Determine the zeros of $y = 3x^2 + 20x - 7$

Determine the zeros of $y = 10x^2 - 68x + 48$

Determine the zeros of $y = 3x^2 + 3x - 216$

Determine the zeros of $y = x^2 - 5x + 66$

Determine expressions for the dimensions of a rectangle with area $12x^2 + 13x + 3$

Determine expressions for the dimensions of a rectangle with area $2x^2 - x - 42$

Determine expressions for the dimensions of a rectangle with area $4x^2 + 8x - 5$