M10 - 5.3 - Factoring $ax^2 + bx + c$ "$a \neq 1$" HW

Factor the following

$2x^2 + 7x + 6$

_____ X _____ =
_____ + _____ =

Check by foil:

$2x^2 - 3x - 2$

_____ X _____ =
_____ + _____ =

$6x^2 + 19x + 3$

_____ X _____ =
_____ + _____ =

$5x^2 + 12x + 1$

_____ X _____ =
_____ + _____ =

$3x^2 + 13x + 4$

_____ X _____ =
_____ + _____ =

$2x^2 + 3x - 9$

_____ X _____ =
_____ + _____ =

$3x^2 - 5x - 2$

_____ X _____ =
_____ + _____ =

$6x^2 + 17x + 10$

_____ X _____ =
_____ + _____ =

$5x^2 + 13x + 9$

_____ X _____ =
_____ + _____ =

M10 - 5.3 - Factoring $ax^2 + bx + c$ "$a \neq 1$" HW

Factor the following

$2x^2 + 5x + 3$

_____ X _____ =

_____ + _____ =

$2x^2 + x - 1$

_____ X _____ =

_____ + _____ =

$3x^2 - 8x + 4$

_____ X _____ =

_____ + _____ =

$2x^2 - 9x + 10$

_____ X _____ =

_____ + _____ =

$3x^2 - 11x + 6$

_____ X _____ =

_____ + _____ =

$2x^2 - 13x + 15$

_____ X _____ =

_____ + _____ =

$5x^2 - 17x - 12$

_____ X _____ =

_____ + _____ =

$4x^2 - 8x + 5$

_____ X _____ =

_____ + _____ =

M10 - 5.3 - Factoring $ax^2 + bx + c$ "$a \neq 1$" HW

Factor the following

$2x^2 - x - 6$

_____ X _____ =

_____ + _____ =

$2x^2 + 9x + 9$

_____ X _____ =

_____ + _____ =

$4x^2 + 16x + 15$

_____ X _____ =

_____ + _____ =

$6x^2 + 16x + 8$

_____ X _____ =

_____ + _____ =

$2x^2 + 7x + 6$

_____ X _____ =

_____ + _____ =

$3x^2 + 7x + 4$

_____ X _____ =

_____ + _____ =

$3x^2 + 4x + 1$

_____ X _____ =

_____ + _____ =

$2x^2 + 3x + 4$

_____ X _____ =

_____ + _____ =

M10 - 5.3 - Perfect Squares HW

Factor the following.

$x^2 + 4x + 4$

$x^2 + 10x + 25$

$x^2 - 6x + 9$

$x^2 - 4x + 4$

$x^2 - 2x + 1$

$x^2 - 8x + 16$

$x^2 + 2x + 1$

$x^2 + 8x + 16$

$x^2 + 6x + 9$

$9x^2 + 12x + 4$

$4x^2 - 4x + 1$

$9x^2 - 12x + 4$

$9x^2 - 6x + 1$

$9x^2 + 6x + 1$

$16x^2 + 24x + 9$