

Factoring Trinomials

Factor the trinomials.

$$x^2 + 2x - 15$$

$$x^2 - 2x + 8$$

$$x^2 - 2x - 35$$

$$x^2 - 3x - 40$$

$$x^2 - 4x - 21$$

$$x^2 - x - 20$$

$$x^2 + 4x - 12$$

$$x^2 - x - 12$$

$$x^2 + 8x - 20$$

$$x^2 + x - 6$$

Factoring Trinomials

Factor the trinomials.

$$\begin{aligned}x^2 + 2x - 15 \\ = (x - 3)(x + 5)\end{aligned}$$

$$\begin{aligned}x^2 - 2x + 8 \\ = (x + 2)(x - 4)\end{aligned}$$

$$\begin{aligned}x^2 - 2x - 35 \\ = (x + 5)(x - 7)\end{aligned}$$

$$\begin{aligned}x^2 - 3x - 40 \\ = (x + 5)(x - 8)\end{aligned}$$

$$\begin{aligned}x^2 - 4x - 21 \\ = (x - 7)(x + 3)\end{aligned}$$

$$\begin{aligned}x^2 - x - 20 \\ = (x - 5)(x + 4)\end{aligned}$$

$$\begin{aligned}x^2 + 4x - 12 \\ = (x - 2)(x + 6)\end{aligned}$$

$$\begin{aligned}x^2 - x - 12 \\ = (x - 4)(x + 3)\end{aligned}$$

$$\begin{aligned}x^2 + 8x - 20 \\ = (x - 2)(x + 10)\end{aligned}$$

$$\begin{aligned}x^2 + x - 6 \\ = (x - 2)(x + 3)\end{aligned}$$