

$$2x + 5 + 3x = 30$$

$$5x + 5 = 30$$

Combine $2x + 3x$

$$5x + 5 - 5 = 30 - 5$$

Subtract 5

$$5x = 25$$

$$\frac{5x}{5} = \frac{25}{5}$$

Divide by 5

$$x = 5$$