

# Solving Equations

Get the variable on one side

$$-3x + 5 = 20$$

$$-3x + \cancel{5} - \cancel{5} = 20 - 5$$

} subtract 5 from both sides

$$-3x = 15$$

$$\frac{-\cancel{3}x}{-\cancel{3}} = \frac{15}{-3}$$

} Divide by -3 on both sides

$$x = -5$$