



Questions?  
Ask a live tutor now!

Ask Question

Solve  $3x - 5 = 10$ .

Question

$$3x - 5 + 5 = 10 + 5$$

Answer

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

$$x = 5$$

## 2. Equations and Formulas

[Adding in equations](#)

[Subtracting in equations](#)

[Multiplying in equations](#)

[Dividing in equations](#)

[Solving equations by graphing](#)

[Solving equations with combi...](#)

[Solving for variables](#)

[Find Contradictions and iden...](#)

[Table of Contents](#)



Questions?  
Ask a live tutor now!

Ask Question

Solve  $5x - 10 = 20$ .

Question

$$5x - 10 + 10 = 20 + 10$$

Answer

$$\frac{5x}{5} = \frac{30}{5}$$

$$x = 6$$

## 2. Equations and Formulas

[Adding in equations](#)

[Subtracting in equations](#)

[Multiplying in equations](#)

[Dividing in equations](#)

[Solving equations by graphing](#)

[Solving equations with combi...](#)

[Solving for variables](#)

[Find Contradictions and iden...](#)

[Table of Contents](#)



Questions?  
Ask a live tutor now!

Ask Question

Solve  $x/5 + 3 = 15$

Question

Answer

$$\frac{x}{5} + 3 - 3 = 15 - 3$$

$$\frac{x}{\cancel{5}} \times \cancel{5} = 12 \times 5$$

$$x = 60$$

## 2. Equations and Formulas

[Adding in equations](#)

[Subtracting in equations](#)

[Multiplying in equations](#)

[Dividing in equations](#)

[Solving equations by graphing](#)

[Solving equations with combi...](#)

[Solving for variables](#)

[Find Contradictions and iden...](#)

[Table of Contents](#)



Questions?  
Ask a live tutor now!

Ask Question 

### Solve $3x - 5 = 1$

Question

$$3x - 5 + 5 = 1 + 5$$

$$\frac{3x}{3} = \frac{6}{3}$$

$$x = 2$$

Answer

## 2. Equations and Formulas

[Adding in equations](#)

[Subtracting in equations](#)

[Multiplying in equations](#)

[Dividing in equations](#)

[Solving equations by graphing](#)

[Solving equations with combi...](#)

[Solving for variables](#)

[Find Contradictions and iden...](#)

[Table of Contents](#)



Questions?  
Ask a live tutor now!

Ask Question 

## Problem 5 of 6

$$\text{Solve } 4x - 5 = 5x - 1$$

Question

$$4x - (5 + 1) = 5x - 1 + 1$$

$$4x - 4x - 4 = 5x - 4x$$

$$x = -4$$

Answer

## 2. Equations and Formulas

[Adding in equations](#)[Subtracting in equations](#)[Multiplying in equations](#)[Dividing in equations](#)[Solving equations by graphing](#)[Solving equations with combi...](#)[Solving for variables](#)[Find Contradictions and iden...](#)[Table of Contents](#)



Questions?  
Ask a live tutor now!

Ask Question 

Solve  $5 - 2x = 3x - 5$

Question

$$(5 + 5) - 2x = 3x - 5 + 5$$

$$10 - 2x + 2x = (3x + 2x)$$

$$\frac{5x}{5} = \frac{10}{5}$$

$$x = 2$$

Answer

## 2. Equations and Formulas

[Adding in equations](#)

[Subtracting in equations](#)

[Multiplying in equations](#)

[Dividing in equations](#)

[Solving equations by graphing](#)

[Solving equations with combi...](#)

[Solving for variables](#)

[Find Contradictions and iden...](#)

[Table of Contents](#)