



Questions?  
Ask a live tutor now!

Ask Question

Solve:  $3x < 15$

Question

$$3x < 15$$

$$\frac{\cancel{3}x < \cancel{3} \frac{15}{3}}{\cancel{3} \quad \quad \quad \cancel{3}}$$

$$x < 5$$

Answer

## 5. Inequalities

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[Adding in inequalities](#)

[Subtracting in inequalities](#)

[Multiplying in inequalities](#)

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Questions?  
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Ask Question 

Solve:  $4x + x < 100$

Question

$$4x + x < 100$$

$$x(4 + 1) < 100$$

$$5x < 100$$

$$\frac{\cancel{5}x}{\cancel{5}} < \frac{100}{5}$$

$$x < 20$$

Answer

## 5. Inequalities

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Questions?  
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Ask Question 

Solve:  $2x < 10$

Question

$$2x < 10$$

Answer

$$\frac{\cancel{2}x}{\cancel{2}} < \frac{10}{2}$$

$$x < 5$$

## 5. Inequalities

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Questions?  
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Ask Question 

Solve:  $-7x < 70$

Question

Answer

$$-7x < 70$$

$$\frac{-7x}{-7} > \frac{70}{-7}$$

$$x > -10$$

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Questions?  
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Solve:  $-3x \geq 33$

Question

Answer

$$-3x \geq 33$$

$$\frac{-3x}{-3} \leq \frac{33}{-3}$$

$$x \leq -11$$

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Questions?  
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Solve:  $-2x + x \leq 10$

Question

$$-2x + x \leq 10$$

$$x(-2 + 1) \leq 10$$

$$-x \leq 10$$

$$\frac{-1x}{-1} \geq \frac{10}{-1}$$

$$x \geq -10$$

Answer

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