



Questions?  
Ask a live tutor now!

Ask Question 

Solve:  $5 + x \leq 15$

Question

$$5 + x \leq 15$$

$$\cancel{5} - \cancel{5} + x \leq 15 - 5$$

$$x \leq 10$$

Answer

## 5. Inequalities

[Graphs of inequalities](#)

[Adding in inequalities](#)

[Subtracting in inequalities](#)

[Multiplying in inequalities](#)

[Dividing in inequalities](#)

[Solving inequalities with co...](#)

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Questions?  
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Ask Question 

Solve:  $3 + x < 10 - 2x$

Question

$$3 + x < 10 - 2x$$

$$\cancel{3} - \cancel{3} + x < (10 - 3) - 2x$$

$$(x + 2x) < 7 - \cancel{2x} + \cancel{2x}$$

$$3x < 7$$

$$\frac{\cancel{3}x}{\cancel{3}} < \frac{7}{3}$$

$$x < \frac{7}{3}$$

Answer

## 5. Inequalities

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Question

$$\text{Solve: } 4 + x \leq 10 + 2 * 4$$

$$4 + x \leq 10 + 2 * 4$$

$$\cancel{4} - \cancel{4} + x \leq 10 + 8 - 4$$

$$x \leq 14$$

Answer

## 5. Inequalities

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Solve:  $x + 3 \leq -18$

Question

$$x + 3 \leq -18$$

$$x + \cancel{3} - \cancel{3} \leq (-18 - 3)$$

$$x \leq -21$$

Answer

## 5. Inequalities

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Solve:  $x + 2 < 10$

Question

$$x + 2 < 10$$

$$x + \cancel{2} - \cancel{2} < \textcircled{10 - 2}$$

$$x < 8$$

Answer

## 5. Inequalities

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Solve:  $x + 3 < 5$

Question

$$x + 3 < 5$$

$$x + \cancel{3} - \cancel{3} < \textcircled{5 - 3}$$

$$\boxed{x < 2}$$

Answer

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