



Questions?
Ask a live tutor now!

Ask Question 

Solve: $-5 + x \leq 15$

Question

$$-5 + x \leq 15$$

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

$$x \leq 20$$

Answer

5. Inequalities

[Graphs of inequalities](#)

[Adding in inequalities](#)

[Subtracting in inequalities](#)

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Questions?
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Ask Question 

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

Question

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

Answer

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

$$(-x + 2x) < 13 \quad \cancel{-2x} + \cancel{2x}$$

$$x < 13$$

5. Inequalities

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Question

Solve: $-4 + x \leq 10 + 2 * 4$

Answer

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

$$-4 + 4 + x \leq 10 + 4 + 8$$

$$x \leq 22$$

5. Inequalities

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Solve: $x - 3 \leq -18$

Question

$$x - 3 \leq -18$$

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

$$x \leq -15$$

Answer

5. Inequalities

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Solve: $x - 2 < 10$

Question

$$x - 2 < 10$$

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

$$x < 12$$

Answer

5. Inequalities

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Solve: $x - 3 < 5$

Question

$$x - 3 < 5$$

$$x - \cancel{3} + \cancel{3} < (5 + 3)$$

$$x < 8$$

Answer

5. Inequalities

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