

Jeopardy

Review game for Inequalities, Absolute Value, and Absolute Value Inequalities

Inequalities	Absolute Value	Absolute Value Inequalities	Fractions	Review
<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>
<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>
<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>
<u>400</u>	<u>400</u>	<u>400</u>	<u>400</u>	<u>400</u>

Solve for x :

$$x - 3 > 7$$

$$x > 10$$



Solve for x :

$$-6x < 21$$

$$x > -\frac{7}{2}$$



Solve for x :

$$4(x - 2) \geq x + 1$$

$$x > 3$$



Solve for x :

$$3 - x > -\frac{1}{2}(x + 2)$$

$$x < 8$$



Solve for x :

$$|x + 2| = 3$$

$$x = 1$$

or

$$x = -5$$



Solve for x :

$$2|x - 1| = 4$$

$$x = 3$$

or

$$x = -1$$



Solve for x :

$$\frac{1}{2}|-1 + x| = x$$

$$x = -3$$

or

$$x = 1$$



Solve for x :

$$|x - 7| = 3x + 1$$

$$x = -4$$

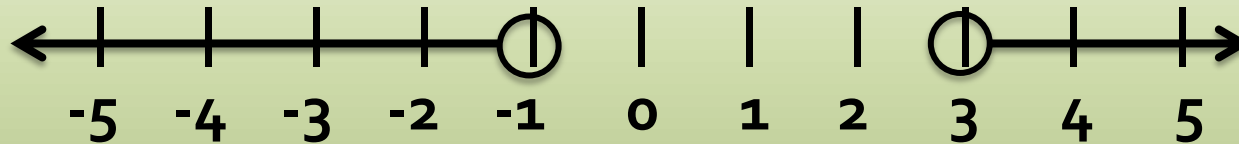
or

$$x = \frac{3}{2}$$



Solve for x :

$$|x - 1| > 2$$



$$x > 3$$

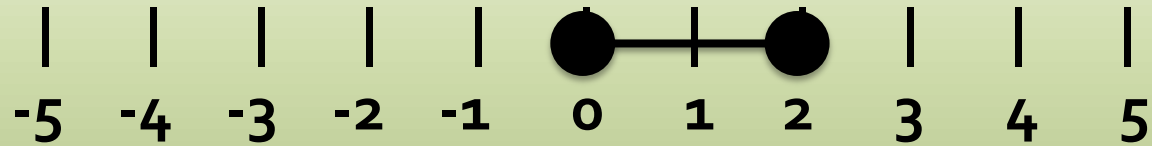
or

$$x < -1$$



Solve for x :

$$2|x - 1| \leq 2$$



$$x \geq 0$$

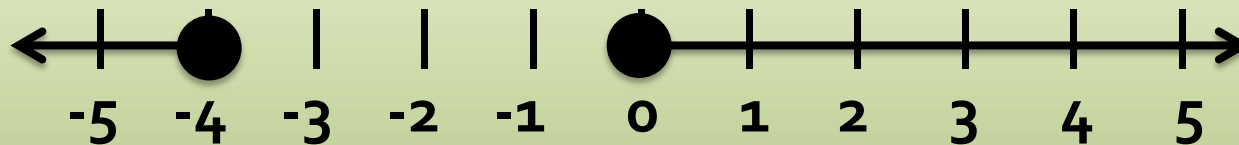
and

$$x \leq 2$$



Solve for x :

$$3 + |x + 2| \geq 5$$



$$x \geq 0$$

or

$$x \leq -4$$



Solve for x :

$$\frac{1}{2} |x - 6| < 2$$



$$x > 2$$

and

$$x < 10$$



Simplify:

$$\frac{24}{36}$$

$$\frac{2}{3}$$



Solve for x:

$$\frac{4x}{2} = 7$$

$$x = \frac{7}{2}$$



Solve for x :

$$\frac{3x}{7} = \frac{10}{12}$$

$$x = \frac{35}{18}$$



Solve for x :

$$\frac{2}{3}(x + 1) = \frac{4x}{5}$$

$$x = 5$$



Solve for x :

$$3x + 2 = 11$$

$$x = 3$$



Solve for x :

$$14x = 9 - 4x$$

$$x = \frac{1}{2}$$



Solve for x :

$$-(2x + 7) + 8 = 3x - 1$$

$$x = \frac{2}{5}$$



Simplify:

$$\frac{2x}{3} - \frac{4}{5} = 2$$

$$x = \frac{21}{5}$$



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