

Inequality with Addition and Subtraction Quiz

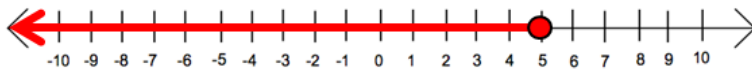
Evaluate: $x + 4 > 6$

- a) $x > 10$
- b) $x < 2$
- c) $x > 2$
- d) $x < 10$

Solve for x : $x - 15 \leq 3$

- a) $x \leq 18$
- b) $x \geq 18$
- c) $x \geq -12$
- d) $x \leq -12$

The solution for $x + 3 \leq 8$ is represented on this number line:



- a) *True*
- b) *False*

Evaluate: $-13 + x < 16$

- a) $x > 3$
- b) $x < -3$
- c) $x > 29$
- d) $x < 29$

Solve for x : $x + 2.3 \leq 4.8$

- a) $x \leq 7.1$
- b) $x \geq 7.1$
- c) $x \geq 2.5$
- d) $x \leq 2.5$

The solution for $x - \frac{2}{5} > 4\frac{1}{5}$ is represented by this number line:



- a) *True*
- b) *False*

Evaluate: $x + 14 \leq -25$

- a) $x \leq -39$
- b) $x \leq -9$
- c) $x \geq -39$
- d) $x \geq -9$

Solve for x : $x - 2.5 > -4.25$

- a) $x > -6.75$
- b) $x < -6.75$
- c) $x > -1.75$
- d) $x < -1.75$

The solution for $x - 1.25 \geq -2.75$ is represented by this number line:



- a) *True*
- b) *False*

Find the solution: $x + \frac{3}{4} \leq -3\frac{1}{2}$

- a) $x \geq -2\frac{3}{4}$
- b) $x \leq -2\frac{3}{4}$
- c) $x \leq -4\frac{1}{4}$
- d) $x \geq -4\frac{1}{4}$