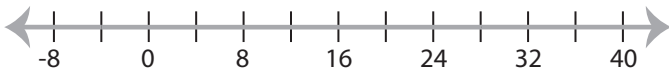


Solving & Graphing Inequalities

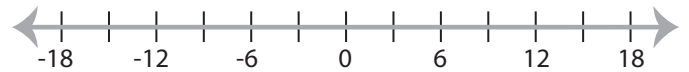
Two-step: S2

Solve each problem and graph the solutions.

1) $-1 \leq \frac{x-4}{8} \leq 3$



2) $-15 \geq 6x + 21$ or $\frac{x}{2} - 1 < 5$



3) $\frac{x-1}{10} \geq 2$ or $-5x + 9 < 4$



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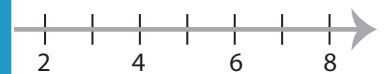
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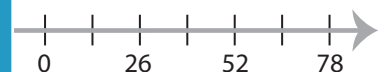
d $3x - 7 \leq 14$



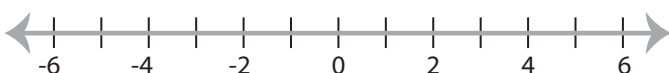
5) $-21 < 4x + 19$ and



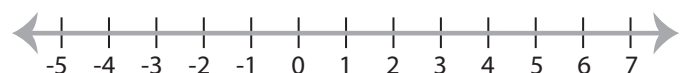
$-4 > \frac{x-2}{7}$



7) $8 \leq 3x - 4 < 11$



8) $12x - 7 \leq 5$ or $13 \leq 6x - 17$



Solving & Graphing Inequalities

Two-step: S2

Solve each problem and graph the solutions.

1) $-1 \leq \frac{x-4}{8} \leq 3$

$$-4 \leq x \leq 28$$



2) $-15 \geq 6x + 21$ or $\frac{x}{2} - 1 < 5$

$$x < 12$$



3) $\frac{x-1}{10} \geq 2$ or $-5x + 9 < 4$

$$x > 3$$



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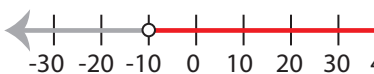
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d $3x - 7 \leq 14$



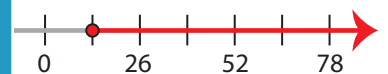
5) $-21 < 4x + 19$ and $3x - 7 \leq 14$

$$-10 < x < 60$$



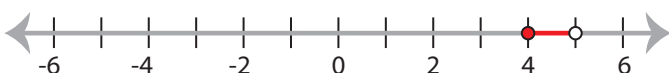
$$-4 > \frac{x-2}{7}$$

$$3$$



7) $8 \leq 3x - 4 < 11$

$$4 \leq x < 5$$



8) $12x - 7 \leq 5$ or $13 \leq 6x - 17$

$$x \leq 1 \text{ or } x \geq 5$$

