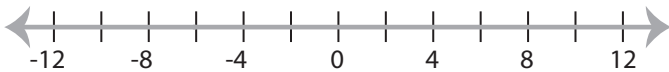


Solving & Graphing Inequalities

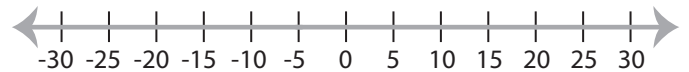
One-step: S2

Solve each problem and graph the solutions.

1) $3x \leq 18$ and $x + 4 < -2$



2) $6x < -30$ or $\frac{x}{5} \geq 4$



3) $x - 6 < 9$ or $4x < 12$



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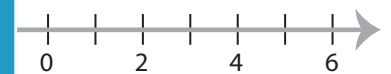
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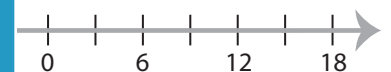
$x - 1 \leq 3$



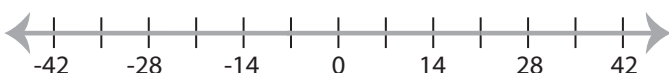
5) $1 \leq x + 5 < 7$



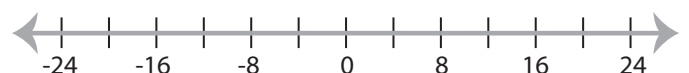
$\frac{x}{3} > 1$



7) $x + 1 \leq -6$ or $\frac{x}{7} > 3$



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



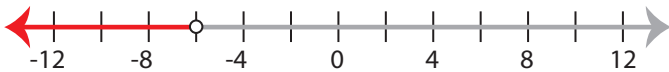
Solving & Graphing Inequalities

One-step: S2

Solve each problem and graph the solutions.

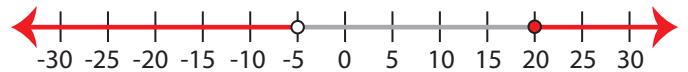
1) $3x \leq 18$ and $x + 4 < -2$

$x < -6$



2) $6x < -30$ or $\frac{x}{5} \geq 4$

$x < -5$ or $x \geq 20$



3) $x - 6 < 9$ or $4x < 12$

$x < 15$



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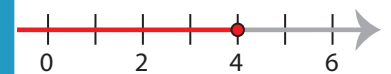
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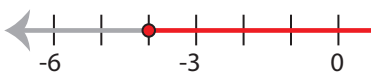
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$x - 1 \leq 3$

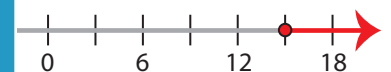


5) $1 \leq x + 5 < 7$

$-4 \leq x < 2$

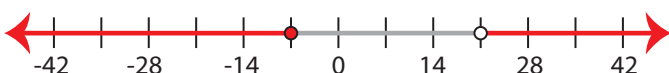


$\frac{x}{3} > 1$



7) $x + 1 \leq -6$ or $\frac{x}{7} > 3$

$x \leq -7$ or $x > 21$



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

$-8 \leq x \leq 8$

