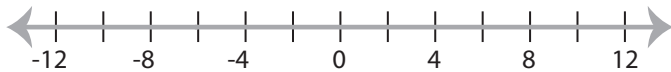


## Solving & Graphing Inequalities

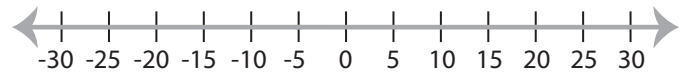
One-step: S2

Solve each problem and graph the solutions.

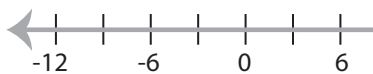
1)  $3x \leq 18$  and  $x + 4 < -2$



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



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



# PREVIEW

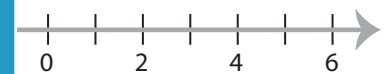
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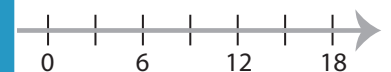
$x - 1 \leq 3$



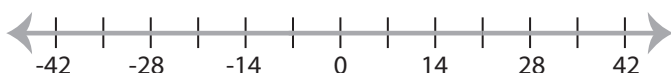
5)  $1 \leq x + 5 < 7$



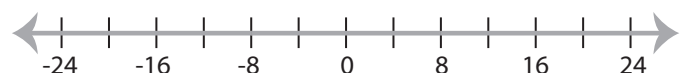
$\frac{x}{3} > 1$



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



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



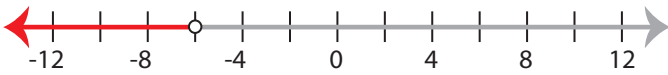
## Solving & Graphing Inequalities

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  $4x < 12$

$x < 15$



# PREVIEW

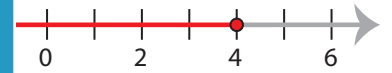
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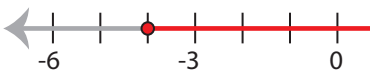
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$x - 1 \leq 3$

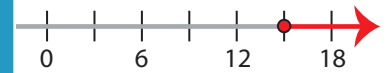


5)  $1 \leq x + 5 < 7$

$-4 \leq x < 2$

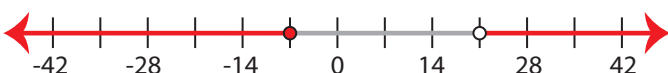


$\frac{x}{3} > 1$



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

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



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

$-8 \leq x \leq 8$

