

Solving & Graphing Inequalities

One-step: S3

Solve each problem and graph the solutions.

1) $18 > 3x \geq 9$



2) $x + 7 \leq 3$ and $\frac{x}{6} > -2$



3) $2x \geq -20$ and $x + 8$



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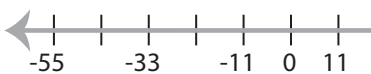
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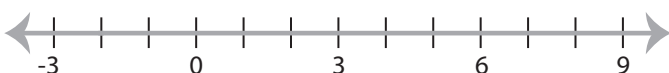
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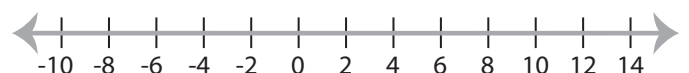
5) $x + 5 \leq -17$ or $\frac{x}{4} > 1$



7) $x - 4 \geq -6$ or $7x > 14$



8) $2 \leq x + 10 < 16$



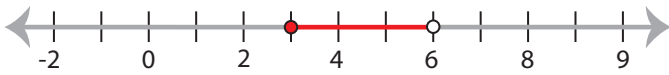
Solving & Graphing Inequalities

One-step: S3

Solve each problem and graph the solutions.

1) $18 > 3x \geq 9$

$3 \leq x < 6$



2) $x + 7 \leq 3$ and $\frac{x}{6} > -2$

$-12 < x \leq -4$



3) $2x \geq -20$ and $x + 8$

$x > 4$



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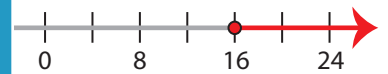
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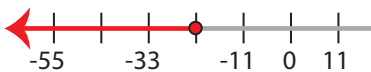
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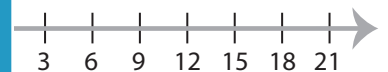


5) $x + 5 \leq -17$ or $\frac{x}{4} > 1$

$x \leq -22$ or $x > 44$



$\frac{x}{2} \leq 9$



7) $x - 4 \geq -6$ or $7x > 14$

$x \geq -2$



8) $2 \leq x + 10 < 16$

$-8 \leq x < 6$

