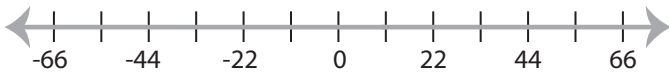


Solving & Graphing Inequalities

Two-step: S1

Solve each problem and graph the solutions.

1) $2x - 9 \geq 13$ or $-4 > \frac{x-1}{3}$



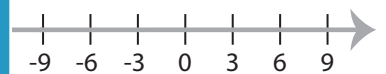
2) $5x + 7 > -3$ and $4x - 16 > 8$



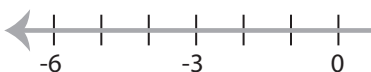
3) $4 < 5 + \frac{x}{2} \leq 9$



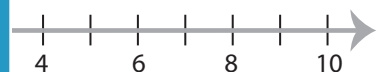
$18 \leq 3x + 9$



5) $-23 \geq 5x - 8$ or $6x -$



$9x - 11 \geq 25$



PREVIEW

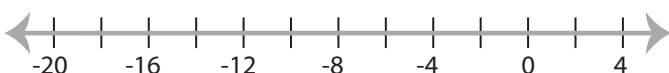
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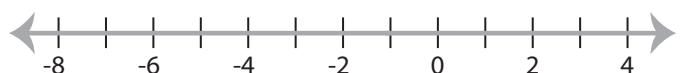
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7) $\frac{x-2}{16} < -1$ and $7x + 5 < -23$



8) $-1 \leq 3x + 2 < 11$



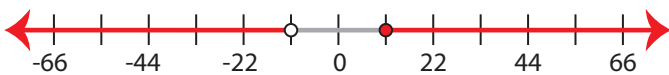
Solving & Graphing Inequalities

Two-step: S1

Solve each problem and graph the solutions.

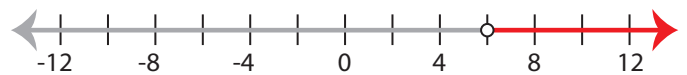
1) $2x - 9 \geq 13$ or $-4 > \frac{x-1}{3}$

$x < -11$ or $x \geq 11$



2) $5x + 7 > -3$ and $4x - 16 > 8$

$x > 6$



3) $4 < 5 + \frac{x}{2} \leq 9$

$-2 < x \leq 8$



PREVIEW

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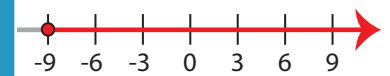
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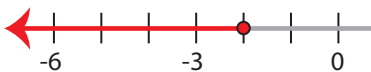
$18 \leq 3x + 9$

$x \geq 9$

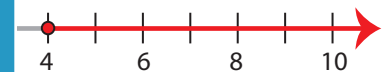


5) $-23 \geq 5x - 8$ or $6x - 11 \geq 25$

$x \leq -2$

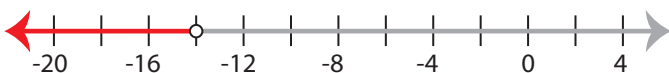


$6x - 11 \geq 25$



7) $\frac{x-2}{16} < -1$ and $7x + 5 < -23$

$x < -14$



8) $-1 \leq 3x + 2 < 11$

$-1 \leq x < 3$

