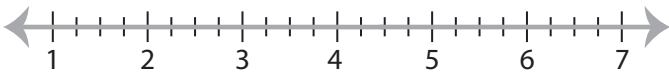


## Solving & Graphing Inequalities

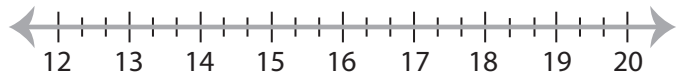
Fractions: S3

Solve each inequality and graph the solution.

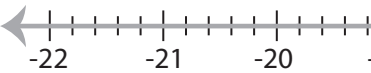
1)  $\frac{x-8}{2} > -\frac{7}{4}$



2)  $\frac{x}{5} + \frac{2}{3} \leq \frac{19}{5}$

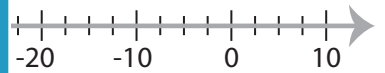


3)  $\frac{1}{11}x + 3 \geq \frac{6}{5}$



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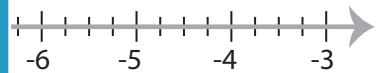
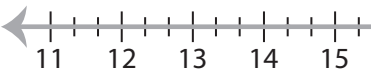
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5)  $\frac{x}{2} - \frac{13}{6} > 5$



7)  $\frac{39}{8} \leq \frac{x}{2} + 3$



8)  $-12 < \frac{1}{8}x - 13$



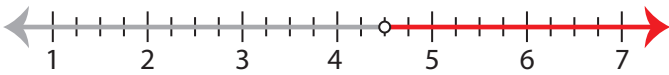
## Solving & Graphing Inequalities

Fractions: S3

Solve each inequality and graph the solution.

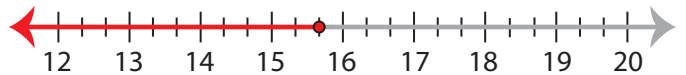
1)  $\frac{x-8}{2} > -\frac{7}{4}$

$x > 4\frac{1}{2}$



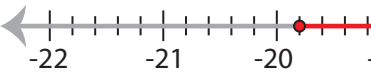
2)  $\frac{x}{5} + \frac{2}{3} \leq \frac{19}{5}$

$x \leq 15\frac{2}{3}$



3)  $\frac{1}{11}x + 3 \geq \frac{6}{5}$

$x \geq -19\frac{4}{5}$



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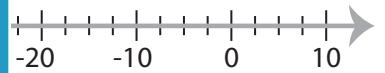
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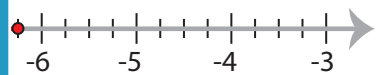
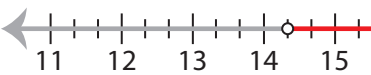
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5)  $\frac{x}{2} - \frac{13}{6} > 5$

$x > 14\frac{1}{3}$



7)  $\frac{39}{8} \leq \frac{x}{2} + 3$

$x \geq 3\frac{3}{4}$



8)  $-12 < \frac{1}{8}x - 13$

$x > 8$

