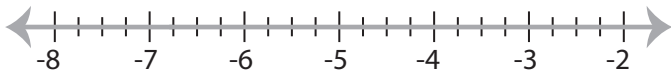


Solving & Graphing Inequalities

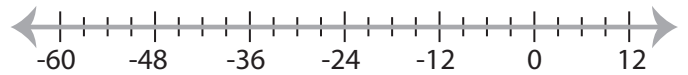
Fractions: S1

Solve each inequality and graph the solution.

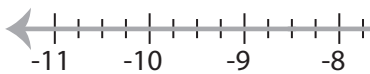
1) $\frac{7}{4} \leq \frac{x}{3} + 4$



2) $\frac{1}{8}x - 10 > -16$

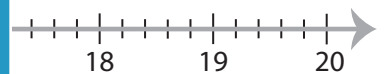


3) $\frac{x-8}{3} < -\frac{11}{2}$



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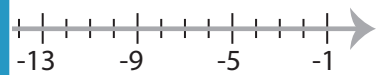
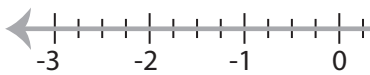


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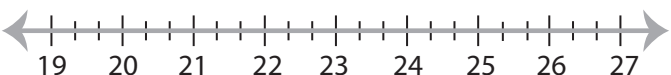
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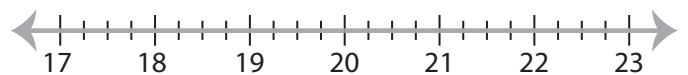
5) $\frac{1}{5}x + 1 \geq \frac{3}{4}$



7) $\frac{x}{4} - \frac{2}{3} < 5$



8) $\frac{12}{5} \leq \frac{x+4}{10}$



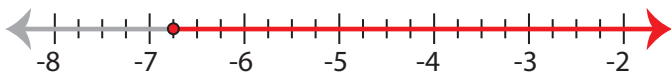
Solving & Graphing Inequalities

Fractions: S1

Solve each inequality and graph the solution.

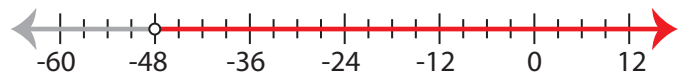
1) $\frac{7}{4} \leq \frac{x}{3} + 4$

$$x \geq -6\frac{3}{4}$$



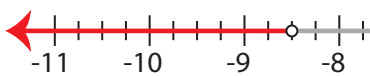
2) $\frac{1}{8}x - 10 > -16$

$$x > -48$$



3) $\frac{x-8}{3} < -\frac{11}{2}$

$$x < -8\frac{1}{2}$$



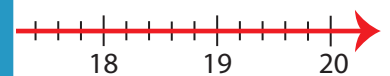
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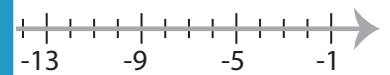
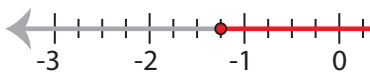
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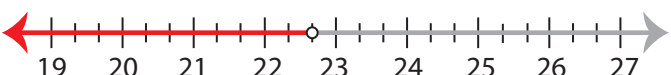
5) $\frac{1}{5}x + 1 \geq \frac{3}{4}$

$$x \geq -1\frac{1}{4}$$



7) $\frac{x}{4} - \frac{2}{3} < 5$

$$x < 22\frac{2}{3}$$



8) $\frac{12}{5} \leq \frac{x+4}{10}$

$$x \geq 20$$

