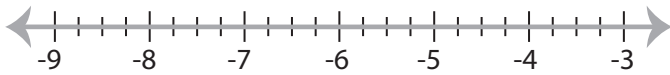


## Solving & Graphing Inequalities

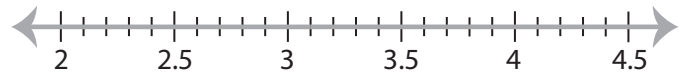
Decimals: S3

Solve each inequality and graph the solution.

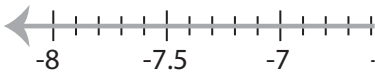
1)  $2x - \frac{4x}{5} \leq -6.9$



2)  $1.7 < \frac{9x - 14.64}{7.8}$



3)  $6x + 17.25 \geq \frac{7x}{2}$



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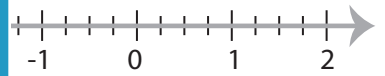
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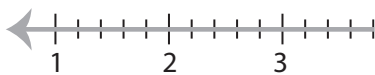
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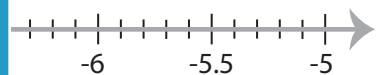
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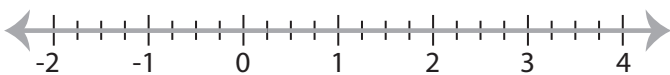
5)  $\frac{7x - 2.59}{3.15} < 9.4$



9.2



7)  $0.5(3x + 4.5) > 10.5x$



8)  $\frac{8x}{7} + 3x \geq 5.8$



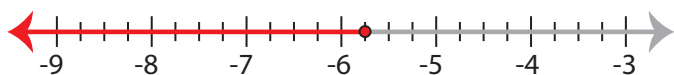
**Solving & Graphing Inequalities**

Decimals: S3

Solve each inequality and graph the solution.

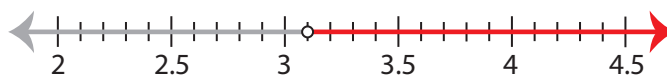
1)  $2x - \frac{4x}{5} \leq -6.9$

**$x \leq -5.75$**



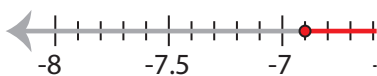
2)  $1.7 < \frac{9x - 14.64}{7.8}$

**$x > 3.1$**



3)  $6x + 17.25 \geq \frac{7x}{2}$

**$x \geq -6.9$**



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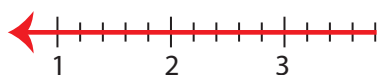
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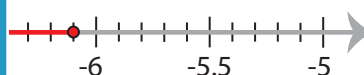


5)  $\frac{7x - 2.59}{3.15} < 9.4$

**$x < 4.6$**

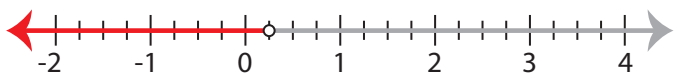


9.2



7)  $0.5(3x + 4.5) > 10.5x$

**$x < 0.25$**



8)  $\frac{8x}{7} + 3x \geq 5.8$

**$x \geq 1.4$**

