Solving & Graphing Inequalities
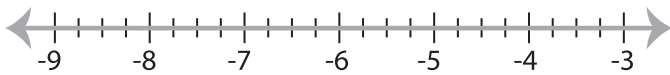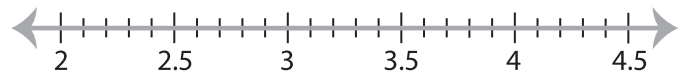
Decimals: S3

Solve each inequality and graph the solution.
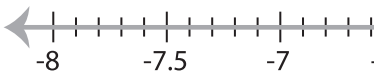
1) $2x - \dfrac{4x}{5} \leq -6.9$

-9 -8 -7 -6 -5 -4 -3

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

2   2.5   3   3.5   4   4.5

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

-8   -7.5   -7

-1   0   1   2

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

1   2   3

9.2

-6   -5.5   -5

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

-2   -1   0   1   2   3   4

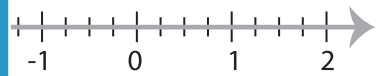8) $\dfrac{8x}{7} + 3x \geq 5.8$

-1   0   1   2   3   4

PREVIEW

Gain complete access to the largest
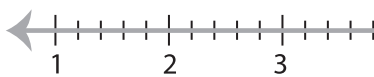collection of worksheets in all subjects!

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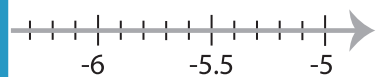Please sign up to
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