

Solving Inequalities

ALGEBRA

Name: _____

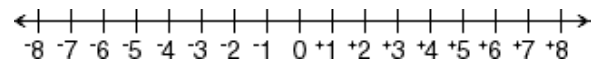
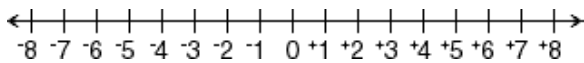
Period: _____

Solve each inequality and graph on the number line. Show all work!

1. $m + 4 < 2$

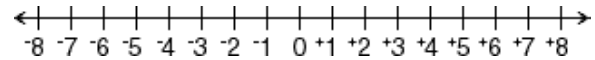
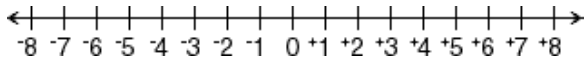
2. $x - 4 \leq 3.5$

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3. $12m \geq 36$

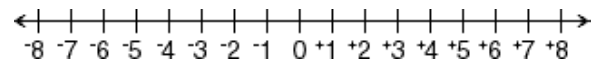
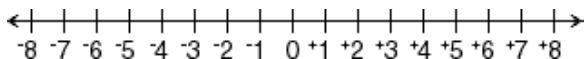
4. $-4x < 16$



5. $2 \geq \frac{x}{4}$

6. $\frac{x}{-2} \leq 3$

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Solve each inequality. Show all work.

7. $x - 10 \leq -23$

8. $6 < \frac{x}{-6}$

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9. $-14m \leq 28$

10. $3b > -27$

11. $\frac{x}{-5} \geq 4$

12. $\frac{x}{7} \geq -3$

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13. $c - 40 < 50$

14. $-7m \geq -42$

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