

Inequalities Study Guide

Short Answer

1. Solve $w - 4.5 \geq 1$. Then graph the solution set on a number line.



2. Solve $t - 3.5 \geq 1.5$. Then graph the solution set on a number line.



3. Solve and graph $x + 2 \geq 2.8$.



4. Solve and graph $m + 5 < -2.4$.



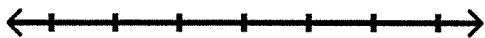
5. Solve and graph $\frac{y}{-11} \leq -3.3$.



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6. Solve and graph $\frac{z}{14} \leq -7$.



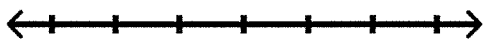
7. Solve and graph $-5.5c \geq -11$.



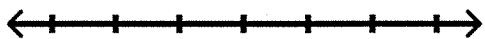
8. Solve and graph $9f \leq 6$.



9. Solve $\frac{a}{2} + 4 \geq -7$. Then graph the solution set on a number line.



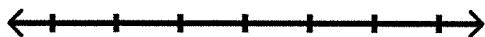
10. Solve $\frac{c}{-4} + 0.5 > 1.5$. Then graph the solution set on a number line.



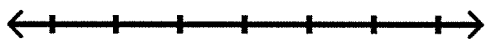
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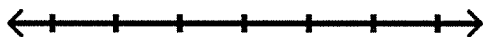
11. Solve $\frac{t}{-3} + 4.5 < -1$. Then graph the solution set on a number line.



12. Solve and graph $-6x + 10 > 70$



13. Solve and graph $6x + 10 > 70$



14. Solve and graph $-3x - 10 > 80$



