

additional practice

NAME _____

DATE _____

Module 5 Solving Linear Inequalities of One Variable
Lesson 1 Solving Linear Inequalities by Inspection

Graph each inequality on a number line.

1. $B \leq -5$



2. $B < -5$



3. $x \geq -1$



4. $x \leq -1$



5. $-4 > m$



6. $m < -4$



7. $8 < G$



8. $G > 8$



Solve the following inequalities by inspection. Then graph each solution on a number line.

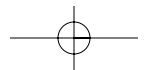
9. $h - 4 > 0$ _____



10. $9 + D < 0$ _____



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11. $t - 15 \leq -19$ _____



12. $K - 3 > 2$ _____



13. $5H \geq -35$ _____



14. $15R < 45$ _____



15. $-\frac{w}{6} < 0$ _____



16. $-\frac{y}{5} > 0$ _____



17. $-5z \geq -25$ _____



18. $-8V \leq 56$ _____



Determine if the given number is a solution to the inequality. Explain your answer.

19. $n = 9$ for $\frac{n}{3} < 0$ _____

20. $Q = 0$ for $8Q \geq 0$ _____

