

NAME _____

Module 5 Solving Linear Inequalities of One Variable
Lesson 4 Solving Multi-Step Linear Inequalities



**additional
practice**

Solve and graph.

1. $-2x + 3 > x$ $x < 1$ _____



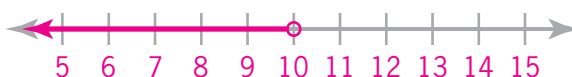
2. $-4x + 36 \geq 2x$ $x \leq 6$ _____



3. $-5x \geq -1x + 8$ $x \leq -2$ _____



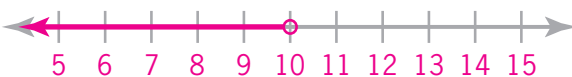
4. $-9x - 4 > -6 - 7x$ $x < 1$ _____



5. $6 - 7x \geq 5x - 18$ $x \leq 2$ _____



6. $8x - 7 < 4x + 33$ $x < 10$ _____



7. $5x - 2 \geq 3x + 10$ $x \geq 6$ _____



8. $-4x - 10 \geq 3x - 31$ $x \leq 3$ _____



9. $6 - 2x > 5 - 3x$ $x > -1$ _____



10. $12 - 8x < -18 - 3x$ $x > 6$ _____



11. $4(x - 5) > -6x$ $x > 2$ _____



12. $x > -2(x - 9)$ $x > 6$ _____



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13. $5x + 6x - 7 \geq 3x + 17$ $x \geq 3$



14. $x - 4x \geq 3x + 18$ $x \leq -3$



15. $3(x - 2) - 2x \leq -10$ $x \leq -4$



16. $x - 4(x - 3) \geq 9$ $x \leq 1$



17. $14 - 3(x + 3) \geq 4x - 2$ $x \leq 1$



18. $4(3 - 2x) + 4x < x - 3$ $x > 3$



19. $20 - 6(x + 4) > -3(x - 5) + 2$ $x < -7$



20. $3(2x - 4) + 5x \geq 4(x + 3) - x$ $x \geq 3$

