

additional practice

NAME _____

DATE _____

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

Solve and graph.

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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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

