NAME _____ **DATE** _____

Module 5   Solving Linear Inequalities of
                One Variable
Lesson 5   Solving Conjunction Inequalities

*additional
practice*

1. $x > 4$ and $x < 2$ _____

2. $x < -2$ and $x > -5$ _____

3. $x \geq 4$ and $x > 7$ _____

4. $x \leq 5$ and $x > 0$ _____

5. $x \geq 2$ and $x \leq 0$ _____

6. $x \leq 0$ and $x < -3$ _____

7. $x > 4$ and $x \geq -5$ _____

8. $x \leq -5$ and $x \geq 3$ _____

9. $x \leq 0$ and $x \geq 0$ _____

10. $x \geq 2$ and $x < 1$ _____

11. $x + 1 < 4$ and $x - 4 > 5$ _____

12. $2x \leq 8$ and $-4x \leq -8$ _____

13. $x - 5 \geq 3$ and $x + 2 \leq 5$ _____

14. $-3x \geq 12$ and $2x \leq 12$ _____

15. $5x - 4 \leq 6$ and $2x - 2 \leq -4$ _____

16. $3x - 2 \leq 13$ and $-4x \leq -16$ _____

17. $\frac{1}{2}x - 2 > 2$ and $-3x - 2 > 4$ _____

18. $-4 \leq x + 6 \leq 0$ _____

19. $-2 \leq 2x + 4 < 8$ _____

20. $0 < -4x + 4 < 12$ _____

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