

Solving Inequalities Practice Worksheet**Objective:** Solve one variable linear inequalities.

1. $-3 + 2x \leq 17$

2. $24 \geq 3x + 9$

3. $-48 - 5x > -3$

4. $19 \geq 5 - 2x$

5. $-15 > 7 + 11x$

6. $\frac{x}{4} - 3 < -8$

7. $-5 + \frac{x}{4} \leq 2$

8. $\frac{3x}{5} - 2 \leq 4$

9. $-9 \geq 3 + \frac{4x}{5}$

10. $\frac{x+5}{3} > -2$

11. $\frac{x-1}{-2} > -6$

12. $-4 \geq \frac{x+6}{-3}$

13. $\frac{2x-1}{3} > 5$

14. $\frac{3x+4}{-2} < -5$

15. $-3x - 5 + 9x \leq 19$

16. $7 - 4x + 3 > 12$

17. $16 \leq -3 + 2x - 7$

18. $7(x - 4) \leq -49$

19. $12 \leq 6(3x - 1)$

20. $-9(x - 3) \geq 18$

21. $9x - 4 > 5x + 28$

22. $6x + 11 < -3x + 2$

23. $-13x - 5 \leq 4 - 16x$

24. $4(2x - 3) < 2(x + 3)$

25. $8(x + 3) \geq -2(x - 4)$