

Solve the inequality and graph the solution on a number line.

1. $2x + 3 > 0$

12. $4(2x - 3) < 12x$

2. $2 \geq 5x$

13. $15x - 3(x + 6) > 7$

3. $3 + 7x \geq 8$

14. $6(x - 2) - x \leq 9x + 53$

4. $2 - 9x \leq 11$

15. $7 - (x + 4) - 2x < 9$

5. $13 - 2(x + 4) > 6$

16. $\frac{1}{2}x - \frac{3}{4}\left(x - \frac{1}{2}\right) \geq \frac{1}{8}$

6. $3x \geq 12(x - 3) - 10$

17. $\frac{3x - 5}{7} + \frac{8 - 2x}{3} > 2$

7. $\frac{7}{5}x - 3 > \frac{2}{5}x$

18. $\frac{3}{2}x + 7 \geq \frac{2}{3}$

8. $8x - (3 + 2x) \leq 3x + 1$

19. $-\frac{3}{4}(2 - x) + \frac{2}{3}x < 3$

9. $7 - 2(x + 4) > 2 - x$

20. $2z - 3(2 - z) + 7 \geq 2 - z$

10. $3 + 4(2 - 3x) < 3 - 4x$

21. $3 - \frac{2}{5}y > 3 + \frac{1}{4}\left(3 - \frac{1}{5}y\right)$

11. $9 + 2(4 - 5x) + x \geq 2 - 3\left(6 + \frac{2}{3}x\right)$

22. $2z + 5 - \frac{3}{5}z < 3(2 - z)$

23. $5\left[3 - \frac{1}{2}(2z - 4) + z\right] \geq 3 - 2\left(\frac{1}{3}z + 4\right) - z$