Equations / Inequations

Solve the following

1. $6a + 3 = 2a - 13$

2. $5(2b - 1) > 6b + 2$

3. $4(2x - 3) < 3(1 - x)$

4. $3(4c - 1) - 10 = 6c + 5$

5. $4 - 2(d - 10) = 3d - 1$

6. $5 - (1 - 2f) \leq 4(2f + 1)$

7. $5g - 3(1 - 2g) \geq 8g$

8. $2 - (h - 2) = 3h - (1 - h)$

9. $\frac{1}{2}x - 4 = 6$

10. $\frac{3}{5}u - 2 = 6$

11. $\frac{3}{4}(x - 2) > 2x$

12. $6 - \frac{5}{8}(2w + 3) = 3w - 4$

13. $5m - \frac{1}{3}(4 - m) \leq 2$

14. $\frac{2}{3}(2n - 3) = \frac{1}{2}(3n + 5)$

15. $\frac{1}{4}(2 - 3t) > \frac{5}{6}(t + 1) - 2$

16. $2 - \frac{1}{2}(3a - 1) < \frac{3}{5}a$

17. $\frac{a + 3}{2} = \frac{a}{5}$

18. $\frac{2p - 3}{4} = \frac{p + 1}{5}$

19. $\frac{c + 3}{2} - 4 > \frac{2c - 1}{5}$

20. $1 - \frac{x - 2}{3} = \frac{2x - 1}{4}$

21. $\frac{2(d - 2)}{3} - d = \frac{3d}{2}$

22. $2 + \frac{3m - 1}{3} \leq \frac{1}{2}m$

23. $\frac{4}{5}p - 1 > \frac{2(p + 1)}{3}$

24. $\frac{x - 1}{2} + \frac{x}{3} < 2$

25. $\frac{u}{5} - \frac{2u - 1}{2} = \frac{1}{4}$

26. $\frac{w}{2} \leq \frac{1}{4} - \frac{2(w - 1)}{3}$