

-1-3 Do you recognize these can't be solved? They are *expressions*. Simplify each.

1. $5w + 8 - 7w - 1$

2. $-3(4w - 8)$

3. $5 + 2(x + 3x^2) + 7x - 20x^2$

Can you solve an *equation* if one step is required? Do it.

4. $t - 9 = 34$

5. $-8d = 4$

6. $\frac{x}{8} = 2$

Can you solve it if two steps are required? Do it.

7. $\frac{w}{8} - 3 = -4$

8. $12g - 36 = 72$

9. $\frac{9+n}{5} = 12$

Can you solve it if simplifying first is required? Do it.

10. $2 = 3(h + 7)$

11. $6p - 2(3p + 1) = 0$

12. $-7 - (-3) + x - 5x = (3)(-7)$

Can you solve it if there are variables on both sides? Do it.

13. $3x + 8 = x - 7$

14. $\frac{1}{2}w + 4 = 3w - 5$

15. $7 + 6x - 3 = 3x + 4 + 5x$

Can you solve it if I mix them all up?

16. $6(s + 4) = 24$

17. $32 = -4h$

18. $\frac{2}{3}(3t - 9) = 3t - (6 + t)$

19. $8w - 10 = 10w + 5$

20. $\frac{2m}{3} = 1$

21. $\frac{10r - 8}{2} = 6$

22. $8(2x-1) = 4(3-5x)$

23. $3 + \frac{w}{5} = -11$

24. $5 = x + 5$