

Solve.

1. $3x + 7 = 19$

2. $5h + 4 = 19$

3. $7d - 1 = 13$

4. $\frac{a}{3} + 4 = 6$

5. $17 = \frac{w}{5} + 13$

6. $7 = \frac{5}{6}c - 8$

7. $8y + 3y = 44$

8. $11x - 9x = 18$

9. $p + 2p - 3 = 6$

10. $12v + 14 + 10v = 80$

11. $11w - 9 - 7w = 15$

12. $5a + 3 - 3a = -7$

13. $3 + 4(z + 5) = 31$

14. $14 + 2(4g - 3) = 40$

15. $5l + 2(l + 1) = 23$

16. $5h + 2(11 - h) = -5$

17. $27 = 3c - 3(6 - 2c)$

18. $3 = 6c - 5(2c - 7)$

19. $\frac{1}{3}(d + 3) = 5$

20. $\frac{3}{2}(x - 5) = -6$

21. $\frac{4}{3}(7 - n) = 12$

22. Tyler paid \$124 to get his car repaired. The total cost for the repairs was the sum of the amount paid for parts and the amount paid for labor. Tyler was charged \$76 for parts and \$32 per hour for labor. Find the amount of time it took to repair his car.