

Name: _____

Period: _____ Date: _____

Solving for a Variable – 1 & 2 Steps Answers

1. $4x = 32$

$x = 8$

2. $20 + m = -3$

$m = -23$

3. $-5a = 30$

$a = -6$

4. $-7b = -49$

$b = 7$

5. $c - 18 = -31$

$c = -13$

6. $\frac{2}{3}y = 4$

$y = 6$

7. $\frac{j}{5} = 12$

$j = 60$

8. $n + \frac{3}{4} = \frac{7}{8}$

$n = \frac{1}{8}$

9. $7x - 9 = 12$

$x = 3$

10. $4h + 14 = -22$

$h = -9$

11. $\frac{m-9}{8} = -4$

$x = -23$

12. $5(3j - 10) = -35$

$j = 1$

13. $16 - 7f = -12$

$f = 4$

14. $-17 - \frac{4}{5}b = -33$

$b = 20$

15. $15 - 6x = -39$

$x = 9$

16. $\frac{4}{5}k - 10 = 26$

$k = 45$

17. $-7w - 15 = -1$

$w = -2$

18. $\frac{2}{3}x - 7 = -25$

$x = -27$

19. $\frac{x+5}{9} = 2$

$x = 13$

20. $\frac{y-6}{3} = 5$

$y = 21$

21. $-7(w - 8) = -56$

$w = 16$

22. $\frac{m-7}{-6} = 7$

$m = -35$

23. $\frac{k}{-6} - 7 = -12$

$k = 30$

24. $8 + \frac{g}{-3} = 14$

$g = -18$