

One-Step Equations Study Sheet

Solving one-step equations. Show your work for each problem. Be sure to keep the equation balanced. Check your solution.

1. Operations that “undo” each other are called _____.
2. A mathematical sentence that contains an equal sign is an _____.
3. The value of the variable that makes the equation true is called the _____.
4. A _____ is a symbol, usually a letter, used to represent an unknown number.

5. $\frac{1}{2} + p = 6$	6. $s - 3 = 3\frac{4}{7}$	7. $\frac{3}{5}x = 39$	8. $\frac{w}{14} = 7$
9. $82.6 = k + 19.4$	10. $x - \frac{1}{3} = \frac{3}{5}$	11. $\frac{1}{4}y = \frac{3}{16}$	12. $\frac{v}{2.7} = 4$
13. $104 = m + 28$	14. $w - 13 = 13$	15. $2.5z = 7.5$	16. $\frac{w}{36} = 9$
17. $x + 13 = 30$	18. $c - 17 = 24$	19. $8x = 32$	20. $\frac{x}{9} = 8$
21. $15 + r = 29$	22. $2.9 = x - 7.5$	23. $7x = 28$	24. $\frac{v}{5} = 3$
25. $28 = w + 16$	26. $56 = m - 17$	27. $4x = 20$	28. $\frac{x}{6.3} = 8.2$