

Two-Step Equations

Solve each of the following **two-step equations** for the unknown variable.

1. $2x + 1 = 7$

6. $\frac{x+9}{3} = 8$

2. $3p - 2 = 4$

7. $\frac{a}{4} + 2 = 6$

3. $-9x + 1 = -80$

8. $\frac{x}{4} - 6 = -5$

4. $5 - x = 10$

9. $\frac{r}{20} - 5 = -3$

5. $3x - 10 = 17$

10. $-6 = \frac{n}{2} - 10$

$$11. 9x - 7 = -7$$

$$16. 9 + 9n = 9$$

$$12. 2n + 10 = -2$$

$$17. -1 = \frac{5+x}{6}$$

$$13. -4n - 1 = -3$$

$$18. 8w + 7 = 31$$

$$14. 8x - 3 = -19$$

$$19. 10 - 6v = -104$$

$$15. 27 = 3 - 8x$$

$$20. -4m + 5 = -15$$