

Basic Algebra -

Sample Algebra Problems

Fold the paper so the answers do not show. Solve the equations. Though you may be able to solve these equations in your head, write out each step.

1. $x + 3 = 10$

2. $x - 5 = 20$

3. $7x = 14$

4. $\frac{x}{4} = 3$

5. $7 + y = 12$

6. $10 - y = 6$

7. $6y = 42$

8. $\frac{y}{10} = 2$

9. $3x + 7 = 22$

10. $7x - 12 = 30$

11. $\frac{x}{12} + 5 = 8$

12. $\frac{x}{4} - 6 = 3$