

Algebra: Multi-Step

Algebra · Grade 7

● Easy · 10 Questions

Solve each problem. Show your work in the space provided. Write your answer on the line.

1. Solve: $3x + 5 = 20$

Answer: _____

2. Solve: $2x - 7 = 11$

Answer: _____

3. Solve: $5n + 2 = 27$

Answer: _____

4. Solve: $4y - 3 = 13$

Answer: _____

5. Solve: $2x + 9 = 1$

Answer: _____

6. Solve: $6x - 4 = 20$

Answer: _____

7. Solve: $3a + 7 = 22$

Answer: _____

8. Solve: $8 - 2x = 0$

Answer: _____

9. Solve: $5x + 1 = 26$

Answer: _____

10. Solve: $7y - 2 = 12$

Answer: _____

Answer Key

Algebra: Multi-Step — Easy

1. $x = 5$

Subtract 5: $3x = 15$. Divide by 3: $x = 5$.

2. $x = 9$

Add 7: $2x = 18$. Divide by 2: $x = 9$.

3. $n = 5$

Subtract 2: $5n = 25$. Divide by 5: $n = 5$.

4. $y = 4$

Add 3: $4y = 16$. Divide by 4: $y = 4$.

5. $x = -4$

Subtract 9: $2x = -8$. Divide by 2: $x = -4$.

6. $x = 4$

Add 4: $6x = 24$. Divide by 6: $x = 4$.

7. $a = 5$

Subtract 7: $3a = 15$. Divide by 3: $a = 5$.

8. $x = 4$

Subtract 8: $-2x = -8$. Divide by -2 : $x = 4$.

9. $x = 5$

Subtract 1: $5x = 25$. Divide by 5: $x = 5$.

10. $y = 2$

Add 2: $7y = 14$. Divide by 7: $y = 2$.