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Introduction to Algebra

Name: _____

Date: _____

1. Evaluate $8x - 6$ when $x = 5$.

2. Simplify: $7x + 4 + 5x + 7$

3. Find the value of $5x + 4y$ when $x = 2$ and $y = 8$.

4. Evaluate $4x + 8$ when $x = 1$.

5. Simplify: $3x + 7 + 2x + 5$

6. Find the value of $3x + 9y$ when $x = 8$ and $y = 4$.

7. Evaluate $6x - 1$ when $x = 4$.

8. Simplify: $3x + 1 + 2x + 8$

9. Find the value of $4x + 2y$ when $x = 1$ and $y = 8$.

10. Evaluate $4x + 6$ when $x = 6$.

11. Simplify: $8x + 1 + 2x + 7$

12. Find the value of $9x + 7y$ when $x = 8$ and $y = 7$.



Introduction to Algebra

1. 34
2. $12x + 11$
3. 42
4. 12
5. $5x + 12$
6. 60
7. 23
8. $5x + 9$
9. 20
10. 30
11. $10x + 8$
12. 121