



Name: _____

Date: _____

Evaluating an Expression

1. Evaluate $2x + 4y$ when $x = 3, y = 4$. Evaluate $1x^2 + 2x + 6$ when $x = 4$

2. Evaluate $\frac{3x + 6}{2}$ when $x = 2$. Evaluate $2x + 4y$ when $x = 3, y = 8$

3. Evaluate $3x + 3y$ when $x = 6, y = 5$. Evaluate $\frac{3x + 6}{2}$ when $x = 2$

4. Evaluate $\frac{3x + 6}{2}$ when $x = 9$. Evaluate $4x^2 + 6x + 10$ when $x = 6$

5. Evaluate $3x^2 + 6x + 5$ when $x = 10$. Evaluate $1x^2 + 7x + 9$ when $x = 4$



Evaluating an Expression – Answer Key

1. Evaluate $2x + 4y$ when $x = 3, y = 4$. $x = 34$

2. Evaluate $1x^2 + 2x + 6$ when $x = 4$. $x = 30$
3. Evaluate $\frac{3x + 6}{2}$ when $x = 2$. $x = 6$

4. Evaluate $2x + 4y$ when $x = 3, y = 8$. $x = 38$
5. Evaluate $3x + 3y$ when $x = 6, y = 5$. $x = 33$

6. Evaluate $\frac{3x + 6}{2}$ when $x = 2$. $x = 6$
7. Evaluate $\frac{3x + 6}{2}$ when $x = 9$. $x = 6$

8. Evaluate $4x^2 + 6x + 10$ when $x = 6$. $x = 190$
9. Evaluate $3x^2 + 6x + 5$ when $x = 10$. $x = 110$

10. Evaluate $1x^2 + 7x + 9$ when $x = 4$. $x = 53$