



Name: _____

Date: _____

Evaluating an Expression

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

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

3. Evaluate $3x + 3y$ when $x = 6, y = 8$

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

5. Evaluate $3x^2 + 6x + 5$ when $x = 4$



Evaluating an Expression – Answer Key

1. text{Evaluate } $2x + 4y$ text{ when } $x = 3, y = 6$ text{Evaluate } $1x^2 + 2x + 6$ text{ when } $x = 4$
x = 34 **x = 30**

2. text{Evaluate } $\frac{3x + 6}{2}$ text{ when } $x = 3$, text{Evaluate } $2x + 4y$ text{ when } $x = 3, y = 8$
x = 6 **x = 38**

3. text{Evaluate } $3x + 3y$ text{ when } $x = 6, y = 8$ text{Evaluate } $\frac{3x + 6}{2}$ text{ when } $x = 2$
x = 33 **x = 6**

4. text{Evaluate } $\frac{3x + 6}{2}$ text{ when } $x = 6$, text{Evaluate } $4x^2 + 6x + 10$ text{ when } $x = 6$
x = 6 **x = 190**

5. text{Evaluate } $3x^2 + 6x + 5$ text{ when } $x = 10$ text{Evaluate } $1x^2 + 7x + 9$ text{ when } $x = 4$
x = 110 **x = 53**