



Name: _____

Date: _____

Evaluating an Expression

Evaluate each expression for the given values.

1. $5x + 2y - 3z$; $x = 2, y = 8, z = 3$

2. $2x + 3y - 4z$; $x = 4, y = 2, z = 2$

3. $1x^2 + 3y^2$; $x = 2, y = 2$

4. $5x + 2y - 4z$; $x = 5, y = 2, z = 7$

5. $1x^2 + 4y^2$; $x = 3, y = 2$

6. $3x^2 + 2y^2$; $x = 2, y = 4$

7. $3x^2 + 5x - 7$; $x = 2$

8. $\frac{2x + 3y}{2}$; $x = 8, y = 4$



Name: _____

Date: _____

Evaluating an Expression

Evaluate each expression for the given values.

9. $2x + 2y - 3z$; $x = 5, y = 4, z = 7$

10. $5x + 5y - 5z$; $x = 4, y = 3, z = 5$



Evaluating an Expression – Answer Key

1. $5x + 2y - 3z; x = 2, y = 8, z = 3$
17

2. $2x + 3y - 4z; x = 4, y = 2, z = 2$
6

3. $1x^2 + 3y^2; x = 2, y = 2$
16

4. $5x + 2y - 4z; x = 5, y = 2, z = 7$
1

5. $1x^2 + 4y^2; x = 3, y = 2$
25

6. $3x^2 + 2y^2; x = 2, y = 4$
44

7. $3x^2 + 5x - 7; x = 2$
15

8. $\frac{2x + 3y}{2}; x = 8, y = 4$
14



Evaluating an Expression – Answer Key

9. $2x + 2y - 3z; x = 5, y = 4, z = 7$
-3

10. $5x + 5y - 5z; x = 4, y = 3, z = 5$
10