

## 0.4 - Evaluating Expressions Worksheet

Name: \_\_\_\_\_

1. What is the value of the expression  $y + 2z$  when  $y = 4$  and  $z = 9$ ?

3. What is the value of the expression  $8z^2 - 10z - 6$  when  $z = 3$ ?

2. What is the value of the expression  $2z - 7$  when  $z = 5$ ?

4. What is the value of the expression  $6z - 6$  when  $z = 2$ ?

5. What is the value of the expression  $8w - 7x$  when  $w = 10$  and  $x = 5$ ?

6. What is the value of the expression  $4x - 3$  when  $x = 6$ ?

7. Given  $g(x) = -x + 2$ , find  $g(5)$ .

8. Given  $f(x) = -5x - 3$ , find  $f(5)$ .

9. Evaluate the function.

$$f(x) = -x^2 - 10x - 13$$

Find  $f(-2)$

10. Evaluate the function.

$$f(x) = -3x^2 - 6x + 1$$

Find  $f(8)$