0.4 - Evaluating Expressions Worksheet   **Name:** _____

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

$$\boxed{22}$$

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

$$\boxed{36}$$

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

$$\boxed{3}$$

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

$$\boxed{6}$$

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

$\boxed{45}$

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

$\boxed{21}$

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

$\boxed{-3}$

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

$\boxed{-28}$

9. Evaluate the function.

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

$$\text{Find } f(-2)$$

$\boxed{3}$

10. Evaluate the function.

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

$$\text{Find } f(8)$$

$\boxed{-239}$

ANSWER KEY