

Name \_\_\_\_\_

Date \_\_\_\_\_

## Evaluating Functions - Independent Practice Worksheet

Complete all the problems.

1. Use the following function rule to find  $f(40)$ .

$$f(x) = 10 - \frac{x}{20}$$

2. Use the following function rule to find  $f(24)$ .

$$f(x) = 5 - \frac{x}{8}$$

3. Use the following function rule to find  $f(32)$ .

$$f(x) = 7 - \frac{x}{16}$$

4. Use the following function rule to find  $f(48)$ .

$$f(x) = 9 - \frac{x}{16}$$

5. Use the following function rule to find  $f(r + 4)$ . Simplify your answer.

$$f(n) = n + 3$$

6. Use the following function rule to find  $f(r + 11)$ . Simplify your answer.

$$f(n) = n + 4$$

7. Use the following function rule to find  $f(r + 9)$ . Simplify your answer.

$$f(n) = n + 7$$

8. Use the following function rule to find  $f(3)$ .

$$f(x) = 9(4)^x + 2$$

9. Use the following function rule to find  $f(5)$ .

$$f(x) = 12(3)^x + 9$$

10. Use the following function rule to find  $f(4)$ .

$$f(x) = 6(6)^x + 5$$

