

Name: _____

Evaluate These Functions

1. $f(x) = 3x + 9$

a. Find $f(1)$

b. Find $f(5)$

c. Find $f(10)$

2. $g(x) = 4(3^x)$

a. Find $g(1)$

b. Find $g(5)$

c. Find $g(10)$

3. $h(x) = h(x - 1) + 5$, $h(0) = 4$

a. Find $h(1)$

b. Find $h(5)$

c. Find $h(10)$

4. $i(x) = i(x - 1) \times 8$, $i(0) = 2$

a. Find $i(1)$

b. Find $j(5)$

c. Find $k(10)$

1. $f(x) = 8(x - 1) + 7$

a. Find $f(10)$

b. Find $f(50)$

c. Find $f(100)$

2. $g(x) = \left(\frac{1}{2}\right)^x \times 5,000,000,000$

a. Find $g(10)$

b. Find $g(50)$

c. Find $g(100)$

3. $h(x) = h(x - 1) + \frac{2}{5}, h(0) = 3$

a. Find $h(10)$

b. Find $h(50)$

c. Find $h(100)$

4. $i(x) = i(x - 1) \times \frac{1}{10}, i(0) = 1,234,567,890$

a. Find $i(10)$

b. Find $j(50)$

c. Find $k(100)$