

## KEY

Find the explicit rule for a given geometric sequence.

1.  $f(n) = 4(2)^{n-1}$

2.  $f(n) = -1(6)^{n-1}$

3.  $f(n) = -3(-2)^{n-1}$

4.  $f(n) = -1(-2)^{n-1}$

5.  $f(n) = 2(-4)^{n-1}$

6.  $f(n) = 3(5)^{n-1}$

7.  $f(n) = -4(2)^{n-1}$

8.  $f(n) = 1(4)^{n-1}$

9.  $f(n) = 1(3)^{n-1}$

10.  $f(n) = 1(-4)^{n-1}$

11.  $f(n) = -2(5)^{n-1}$

12.  $f(n) = 2(-6)^{n-1}$

13.  $f(n) = -4(5)^{n-1}$

14.  $f(n) = -2(6)^{n-1}$

15.  $f(n) = 3(3)^{n-1} = 3^n$

16.  $f(n) = -2(-5)^{n-1}$