

HW 4-5

Sec 1

Arithmetic, Geometric, or Neither

Unit 4

For each problem:

- a) Determine if it is Arithmetic, Geometric, or Neither. If it is Arithmetic or Geometric, then
- b) Write a recursive equation
- c) Write an explicit equation

1. 17, 5, -7, ...

a) Arithmetic, Geometric, or Neither:

b) Recursive: _____

c) Explicit: _____

2. 19, 15, 13, ...

a) Arithmetic, Geometric, or Neither:

b) Recursive: _____

c) Explicit: _____

3. 20, 4, $\frac{4}{5}$, ...

a) Recursive: _____

b) Explicit: _____

c) 7th term: _____

4.

x	2	3	4
$f(x)$	12	18	24

a) Arithmetic, Geometric, or Neither:

b) Recursive: _____

c) Explicit: _____

5.

x	-4	-3	-2
$f(x)$	5	20	80

a) Arithmetic, Geometric, or Neither:

b) Recursive: _____

c) Explicit: _____

6.

x	-1	0	1
$f(x)$	-18	-11	-4

a) Arithmetic, Geometric, or Neither:

b) Recursive: _____

c) Explicit: _____

7. -5, -4, -3, ...

a) Arithmetic, Geometric, or Neither:

b) Recursive: _____

c) Explicit: _____

8. 14, 7, $3\frac{1}{2}$, ...

a) Arithmetic, Geometric, or Neither:

b) Recursive: _____

c) Explicit: _____

9.

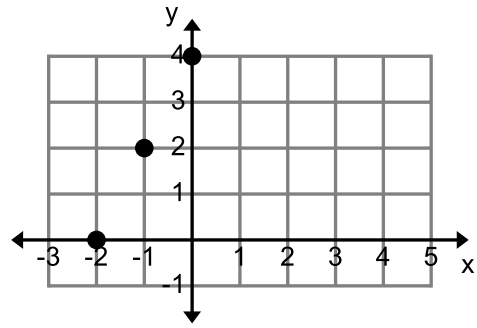
x	5	6	7
$f(x)$	11	33	55

a) Arithmetic, Geometric, or Neither:

b) Recursive: _____

c) Explicit: _____

10.

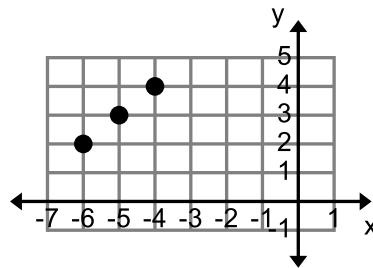


a) Arithmetic, Geometric, or Neither:

b) Recursive: _____

c) Explicit: _____

11.

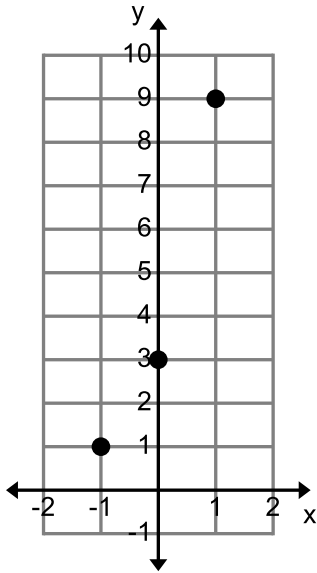


a) Arithmetic, Geometric, or Neither:

b) Recursive: _____

c) Explicit: _____

12.

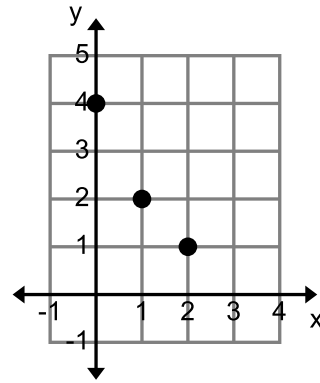


a) Arithmetic, Geometric, or Neither:

b) Recursive: _____

c) Explicit: _____

13.



a) Arithmetic, Geometric, or Neither:

b) Recursive: _____

c) Explicit: _____