

Assignment 1.8 – Arithmetic & Geometric Means

Find the arithmetic means for each sequence.

1.

$n$	1	2	3
$f(n)$	3		12

Explicit Equation:

2.

$n$	1	2	3	4
$f(n)$	2			26

Explicit Equation:

3.

$n$	$f(n)$
1	24
2	
3	6
4	

Explicit Equation:

4.

$n$	1	2	3	4	5	6
$f(n)$	40					10

Explicit Equation:

Find the geometric means for each sequence.

5.

$n$	1	2	3
$f(n)$	3		12

Explicit Equation:

6.

$n$	1	2	3	4
$f(n)$	2			54

Explicit Equation:

7.

$n$	$f(n)$
1	5
2	
3	80
4	

Explicit Equation:

8.

$n$	1	2	3	4	5
$f(n)$	324				4

Explicit Equation: