

Linear and Exponential Functions 5

Example 1 The first and 3rd terms of a sequence are given. Fill in the missing numbers for an arithmetic sequence. Then fill in the missing numbers for a geometric sequence.

a)

Explicit Expression:

Recursive Expression:

Arithmetic	1				100
Geometric	1				100

Explicit Expression:

Recursive Expression:

b) Explicit Expression:

Recursive Expression:

Arithmetic	-2000				-5
Geometric	-2000				-5

Explicit Expression:

Recursive Expression:

c) Explicit Expression:

Recursive Expression:

Arithmetic	-10				90
Geometric	-10				-10

Explicit Expression:

Recursive Expression:

d) Explicit Expression:

Recursive Expression:

Arithmetic	6				66
Geometric	6				66

Explicit Expression:

Recursive Expression: