CH. 4, L1 – EXIT SLIP

Objective: *Given a function pattern, I will distinguish between arithmetic and geometric sequences by identifying the growth rate/factor.*

1. Consider the sequence 1, 4, ____. Give the next five terms if,

a. The sequence is arithmetic.	b. The sequence is geometric

2. The table below shows the rebound height of a bouncy ball dropped from the roof of the school. Note that the 0 bounce represents the starting height.

Bounce	Rebound Height (cm)
0	800
1	475
2	290
3	175
4	100
5	60

Is the data for rebound height best described as an arithmetic or geometric sequence? Justify your answer.

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