Agenda for Learning about Arithmetic and Geometric Sequences

I. Watch the following videos (you only need to watch the videos up until the part that it talks about series – which you do not need to know).

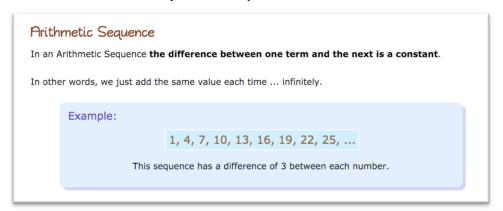
Intro to Arithmetic Sequences:

https://www.khanacademy.org/math/algebra/sequences/introduction-to-arithmetic-squences/v/arithmetic-sequences

Intro to Geometric Sequences:

https://www.khanacademy.org/math/algebra/sequences/introduction-to-geometric-sequences/v/geometric-sequences-introduction

- 2. Complete the Guided notes (with a partner)
- 3. Work on the handout you only need to do the problem *s that are multiples of 3.
- 4. Finish the problems that you did not complete in class for homework (still only the multiples of 3).



Geometric Sequences

In a Geometric Sequence each term is found by multiplying the previous term by a constant.

Example:

This sequence has a factor of 2 between each number.

Each term (except the first term) is found by multiplying the previous term by 2.