## Warm up (on your own)

Given the following sequence, write down as much information as you can.

3, 1.7, 0.4, ...

Things you could think about...

- What type of sequence is it?
- What is the common difference or ratio?
- What is the recursive rule?
- What is the 10th term?
- What else can you think of?

## 3, 1.7, 0.4, ... $u_1 = 3$ $u_n = u_{(n-1)} + (-1.3)$ $u_1 = 0$ $u_1 = 0$

Recursive Rule

$$3, 1.7, 0.4, ...$$
 $u_1 = 3$ 
 $u_n = u_{(n-1)} + (-1.3)$ 
 $n \ge 2$ 
What about this??

Given the arithmetic sequence with 
$$U_1 = 8$$
 $U_1 = 8$ 
 $U_1 = 8$ 
 $U_1 = 9$ 
 $U_1 = 9$ 

## Now you try....

## Unit 1: Sequences and Series Assignment 1

Corrections (because your teacher clearly loses her brain while typing...

```
#1 Should say u_n = u_{n-1} - 1
#2 Should be u_n = u_{n-1} \times 7
#10 Sould start at u_1 NOT u_0
```