

9/3 class notes

A2

warm up

- 5, 12, 19...
 - write the recursive formula
 - whats the c.d.
 - whats the u_0 ?

- 1, 3, 9, 27...
 - write recursive formula
 - whats the c.r.
 - whats u_0

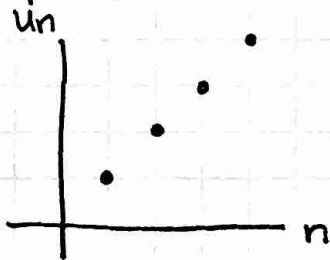
} go over $\frac{u_n}{u_{n-1}} = c.r.$

Vocab

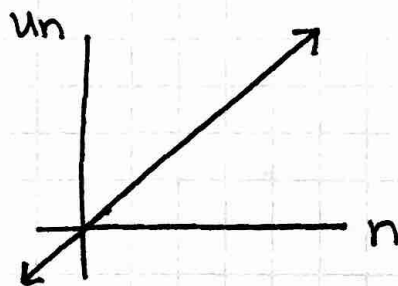
• linear equation: $y = mx + b$

• explicit formula: $u_n = u_0 + c.d. \cdot n$

The difference is that ^{the} explicit formula is working with whole numbers and is discrete meaning specific points



~~whereas~~ whereas a linear equation is continuous



it is connected with a line & goes negative.

The y-intercept (b) is ~ to u_0

The slope (m) is ~ to c.d.

$y \sim u_n$
 $x \sim n$