

## Patterning Recall :

- pattern Rule ex:  $n + 2$

↳ can use multiple operations  $n \times 4 + 1$   
 $\hookrightarrow 4 \cdot n + 1$

$+$ ,  $-$ ,  $\times$ ,  $\div$

- can find the pattern from

a) a graph

b) a diagram

c) table of value ( $\begin{matrix} x & y \\ | & | \\ \hline & \end{matrix}$  chart)

- they can increase or decrease

$\begin{matrix} \nearrow \\ \vdots \\ \searrow \end{matrix}$   $\begin{matrix} \nwarrow \\ \vdots \\ \swarrow \end{matrix}$

- must repeat at least 3 times

- patterns allow you to interpret data see what people want

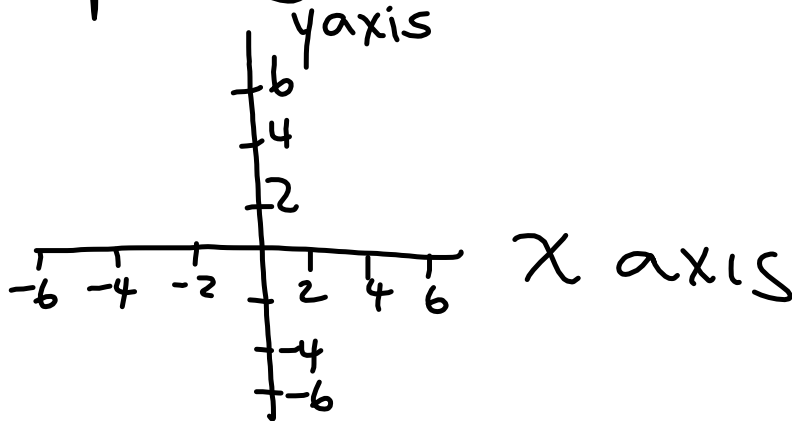
- patterns can start from ANY number and go forwards (towards

\* positive) or backwards (towards

\* growing patterns

$\left. \begin{matrix} -ve \\ \text{down } n \\ -\text{shrinking} \\ \text{pattern} \end{matrix} \right\}$

# Graphing on a grid



- is an organization of data

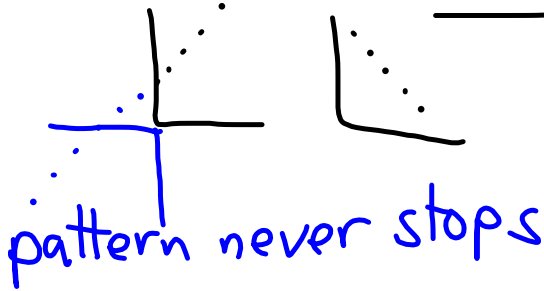
- bar graphs
- line graphs

- circle graphs

- Scatter plot (graph)



• graphs can have a pattern



• graphs have a scale

