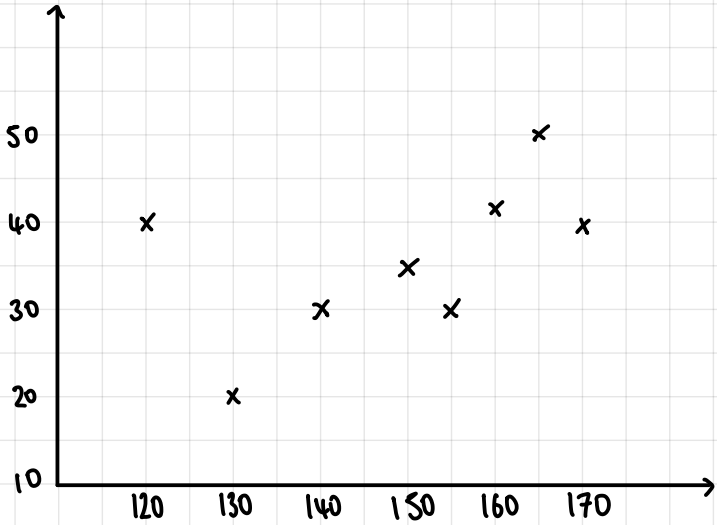


# STEP 1: SCATTER GRAPHS

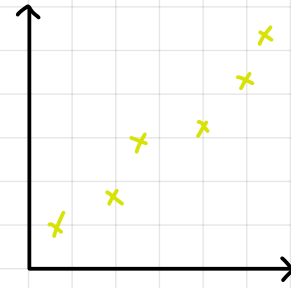
Plot the following:

Height	Hand Span
170	40
150	35
160	42
130	20
155	30
120	40
140	30
165	50

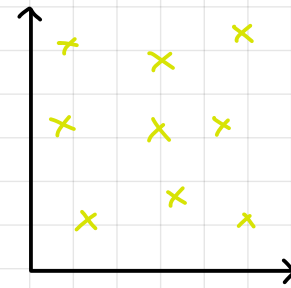


# STEP 2: CORRELATION

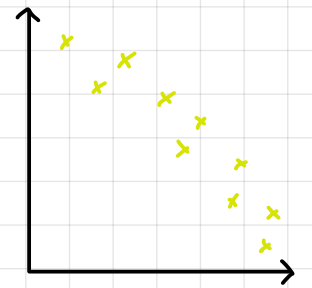
Sketch on points to show the following correlations:



Positive



No



Negative

# STEP 3: LINE OF BEST FIT

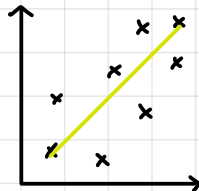
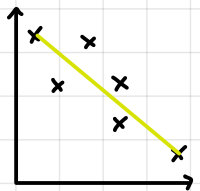
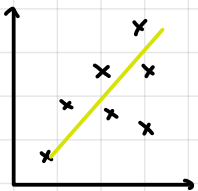
What makes a good line of best fit?

straight line

follows the trend of the data

equal points on both sides

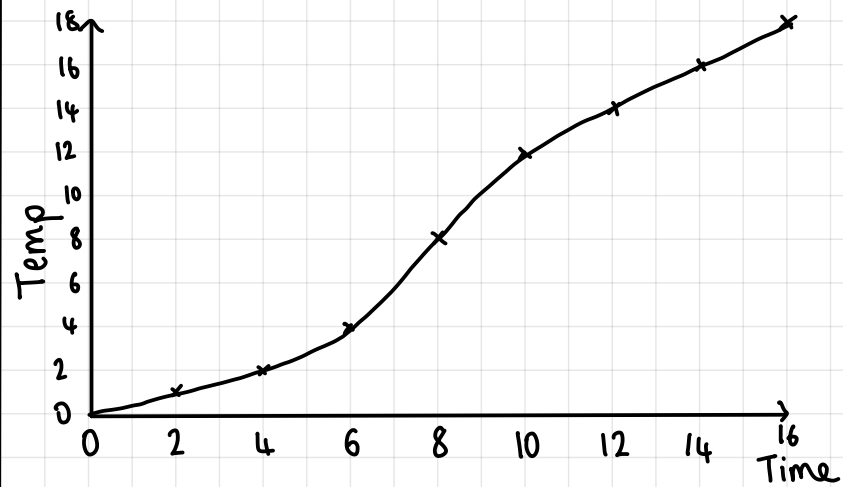
Draw a line of best fit on:



# STEP 4: NON-LINEAR RELATIONSHIPS

Plot this data:

Time	2	4	6	8	10	12	14	16
Temp	1	2	4	8	12	14	16	18



Is this graph linear?

---



---



---