Agenda

Homework:

- Scatterplots WS
- AM

Materials:

- Math Notebook
- Ruler

DO NOW

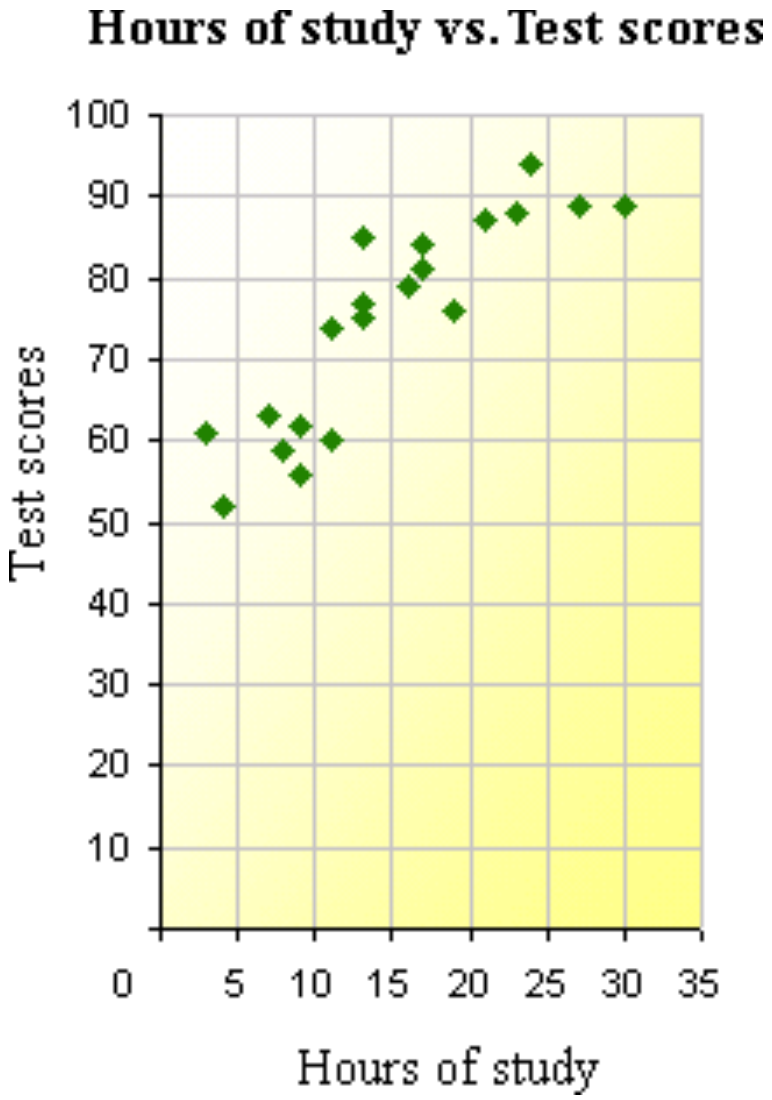
1) Set up Cornell Notes:

Topic: Scatterplots

EQ: How do we use scatterplots?

What is a scatter plot?

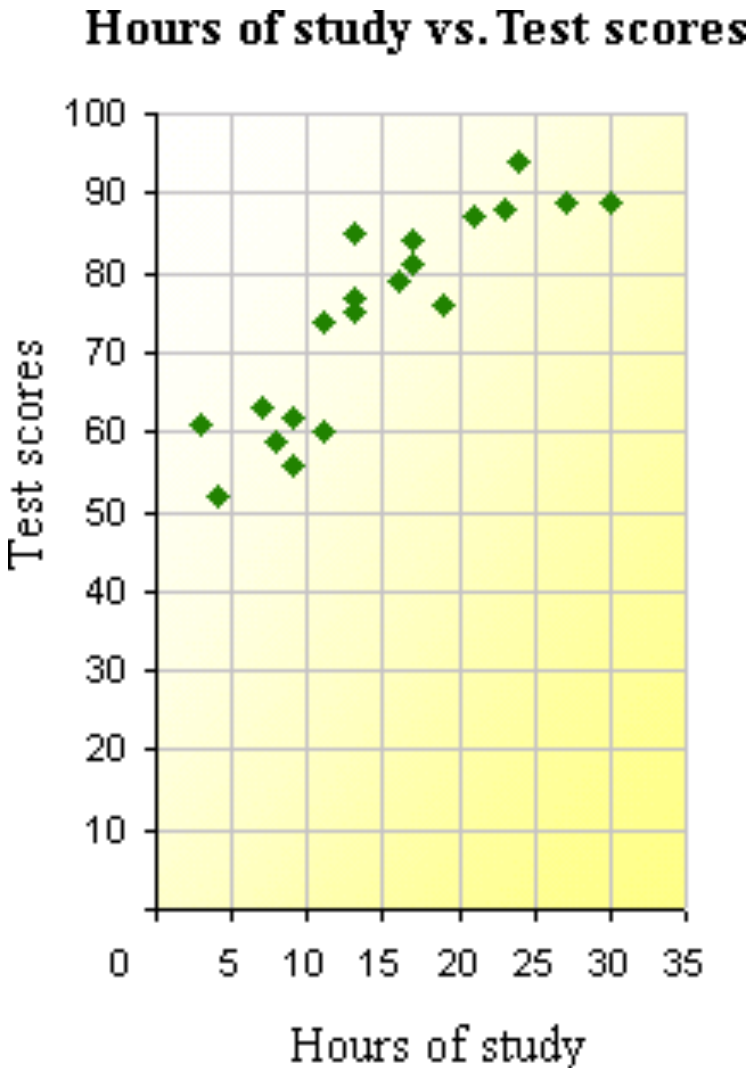
- A graph of scattered plotted points
- **Purpose**: Show the **RELATIONSHIP** between two sets of data



What are the different types of relationships

Positive

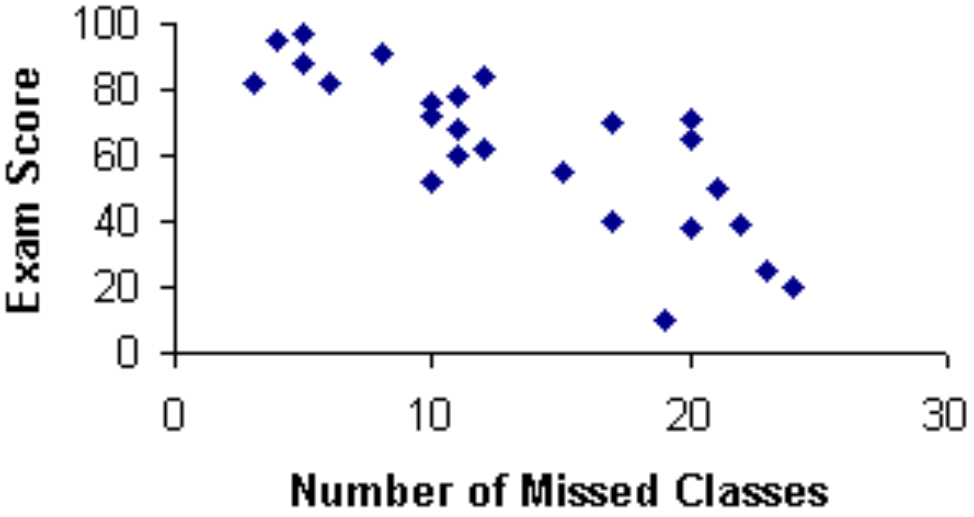
"As hours of study increase, test scores increase"



What are the different types of relationships

Negative

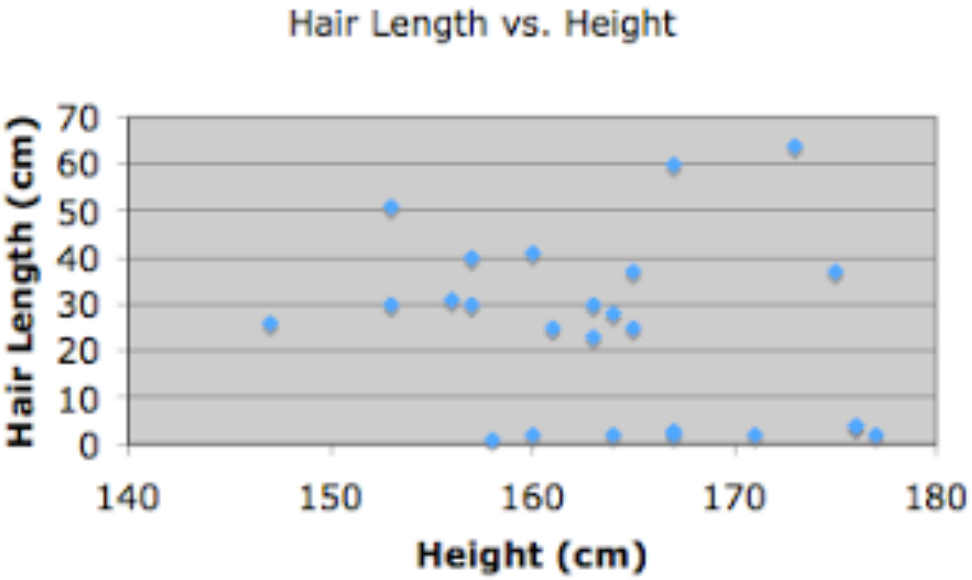
"As number of missed classes increase, exam scores decrease"



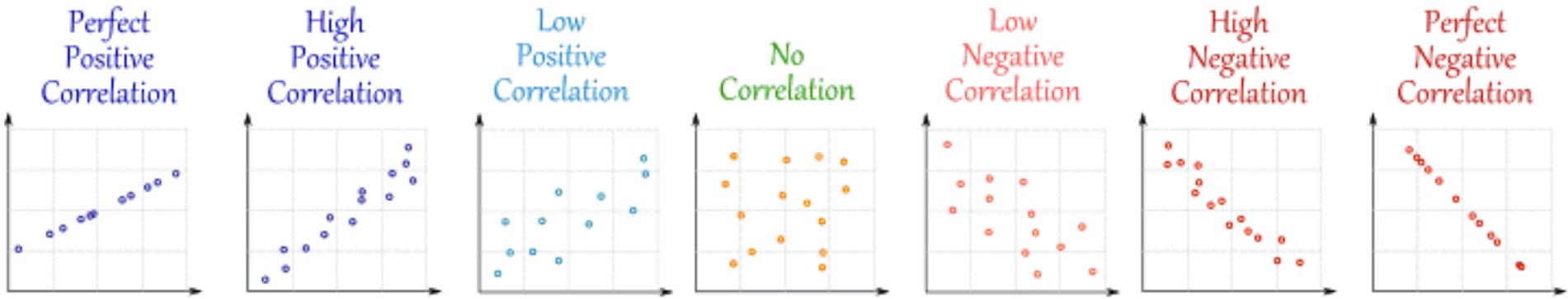
What are the different types of relationships

No Linear Relationship

"There is no linear relationship between height of a person and their hair length"



Range of Relationships/Correlations



Let's try creating our own examples

- Each person in your table group must come up with a unique, real-world example of a
  (1) Positive Relationship,
  (2) Negative Relationship, and
  (3) No relationship

between two variables.

(Example- Positive: As study time increase, test scores increase)

Positive

Negative

None