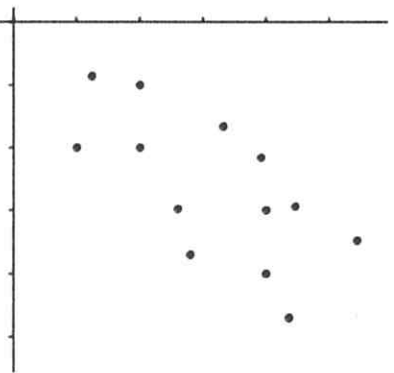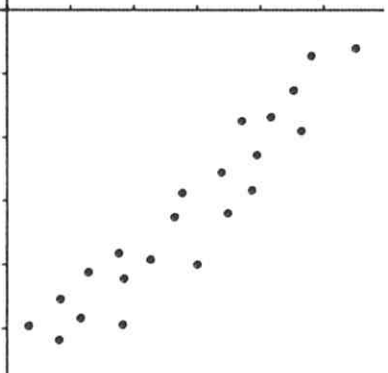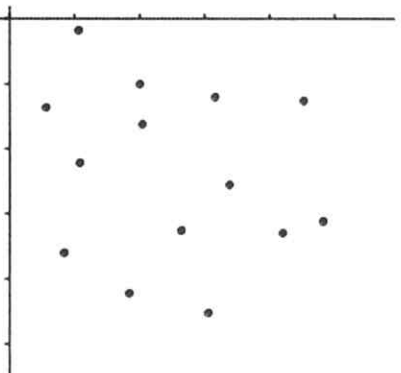**Positive Correlation:**
As one increases the other increases (Strong or weak)

Negative Correlation:
As one increases the other decreases (strong or weak)
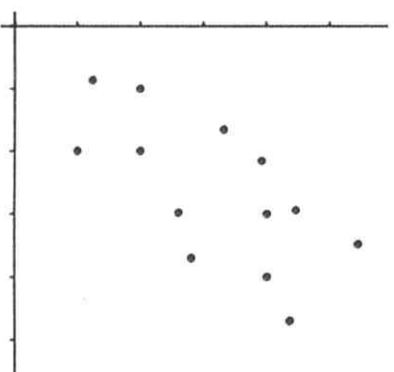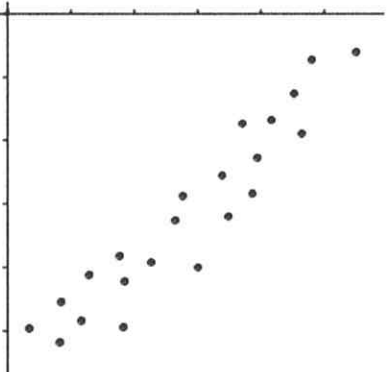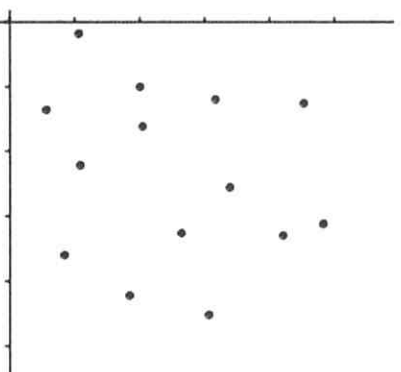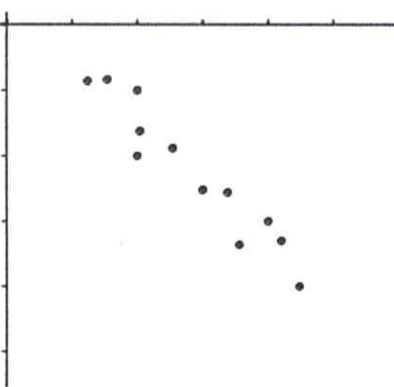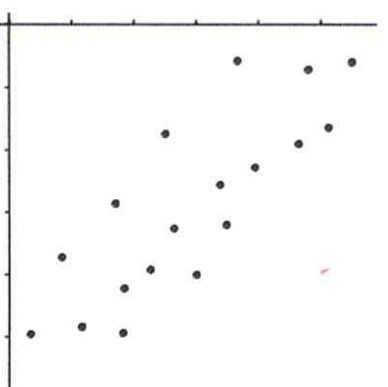
No Correlation:
No relationship between the data

Construct a scatterplot for each set of data. Describe what kind of relationship, if any, is shown.

Scatterplots must include the following:

1. Title
2. Each axis must be labeled
3. Each axis must have an appropriate scale
4. Points must be plotted accurately

Relationship:_____

Used Car Prices. Age and price of Ford Explorer XLT vehicles listed for sale.

Age (yr)	Price ($)	Age (yr)	Price ($)
3	19,300	1	22,750
9	5,200	8	5,790
5	11,700	4	12,600
10	3,450	7	6,999
1	24,995	6	9,995
7	10,850	2	24,500
3	15,775	5	13,000
10	7,830	4	14,995
2	21,950	8	9,500

Construct a scatterplot for each set of data. Describe what kind of relationship, if any, is shown.
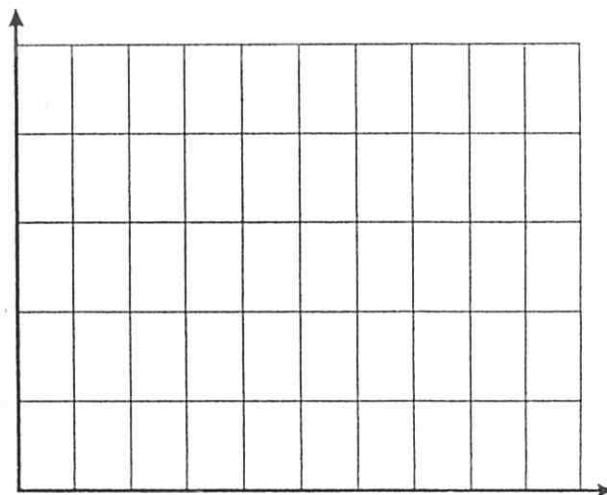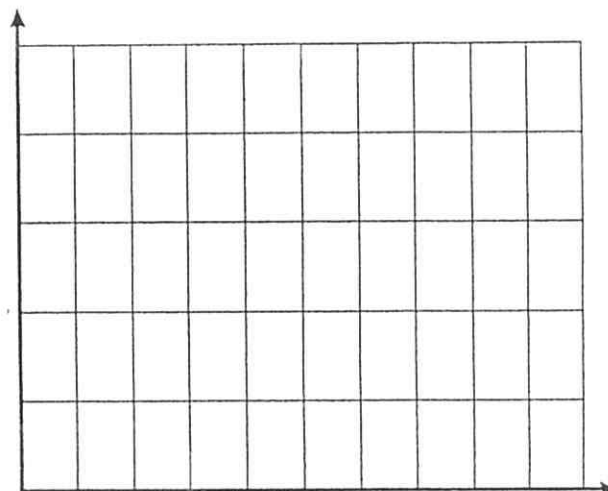
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3	15,775	5	13,000
10	7,830	4	14,995
2	21,950	8	9,500

Number of days absent and grades

Shoe size and grades

Years of education and income

Temperature and the number of people wearing jackets

How tall a person is and how fast they drive

Hours of studying and grades

Hours in the mall and amount of money spent

Number of pets a person has and number of books the person reads

Weight on a skateboard and the speed the skateboard travels