	No Correlation: No relationship between the data	Negative Correlation: As one increases the other decreases (strong or weak)	Positive Correlation: As one increases the other increases (Strong or weak)
		• • •	
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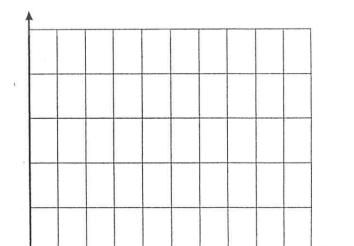
Construct a scatterplot for each set of data. Describe what kind of relationship, if any, is shown.

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

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



Relationship:_____

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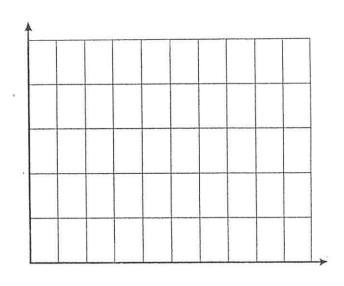
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Relationship:		
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	Relationship:	



Number of days absent and grades	Number of days absent and grades
Shoe size and grades	Shoe size and grades
Years of education and income	Years of education and income
Temperature and the number of people wearing jackets	Temperature and the number of people wearing jackets
How tall a person is and how fast they drive	How tall a person is and how fast they drive
Hours of studying and grades	Hours of studying and grades
Hours in the mall and amount of money spent	Hours in the mall and amount of money spent
Number of pets a person has and number of books the person reads	Number of pets a person has and number of books the person reads
Weight on a skateboard and the speed the skateboard travels	Weight on a skateboard and the speed the skateboard travels
Number of days absent and grades	Number of days absent and grades
Shoe size and grades	Shoe size and grades
Years of education and income	Years of education and income

Temperature and the number of people Temperature and the number of people wearing jackets wearing jackets How tall a person is and how fast they How tall a person is and how fast they drive drive Hours of studying and grades Hours of studying and grades Hours in the mall and amount of money Hours in the mall and amount of money spent spent Number of pets a person has and number Number of pets a person has and number of books the person reads of books the person reads Weight on a skateboard and the speed the Weight on a skateboard and the speed the skateboard travels skateboard travels