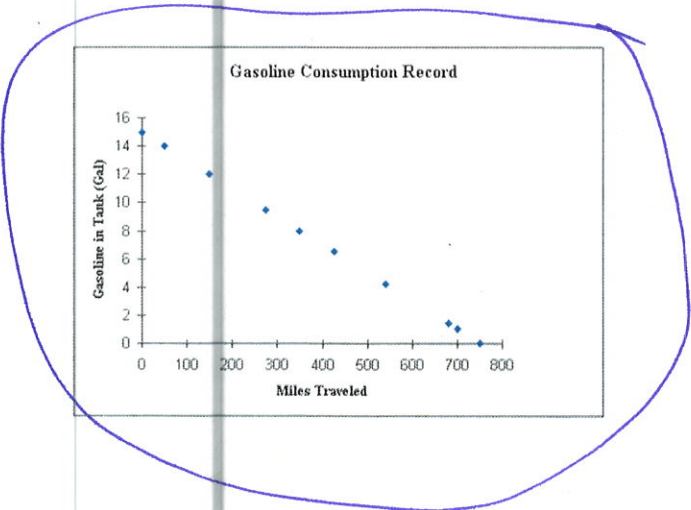
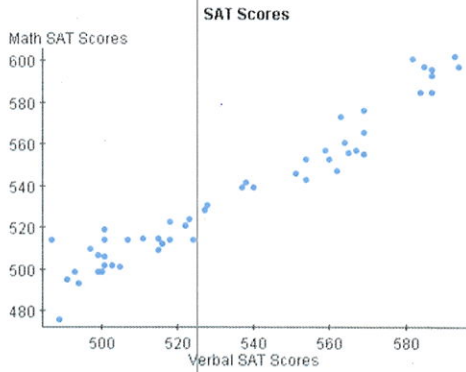
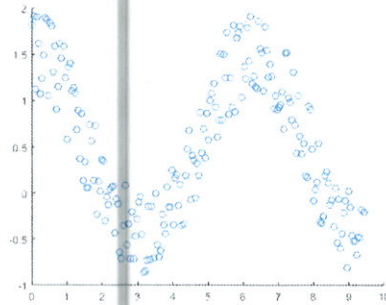
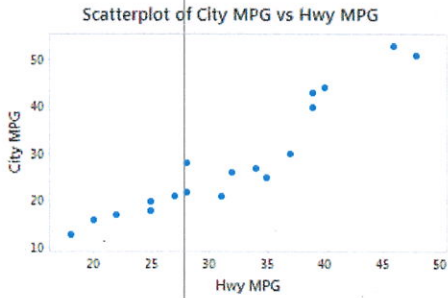


Instructions: Show all work. Use exact answers, unless specifically asked to round.

1. Rewrite the equation $2x - 4y = 8$ in slope-intercept form.

$$\frac{-4y}{-4} = \frac{-2x + 8}{-4}$$
$$y = \frac{1}{2}x - 2$$

2. Choose the graph below with the strongest (linear) correlation. Circle your choice.



3. Create a frequency table for the data in the table below.

Ballet	Track	Baseball/Softball	Basketball	Swimming	Ballet
Ballet	Swimming	Basketball	Track	Swimming	Swimming
Cycling	Baseball/Softball	Swimming	Soccer	Soccer	Soccer
Basketball	Swimming	Swimming	Track	Baseball/Softball	Soccer

Ballet	3
Cycling	1
Basketball	3
Track	3
Swimming	6
Baseball/Soft.	3
Soccer	4

4. Use the frequency table created above to construct a Pareto chart.

