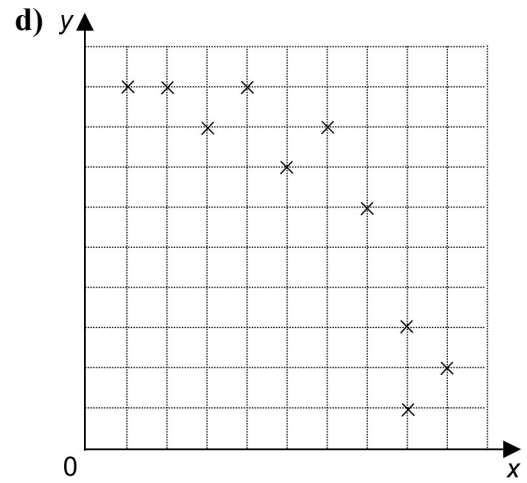
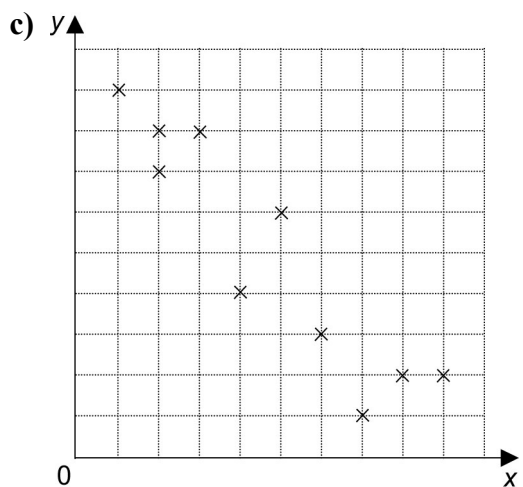
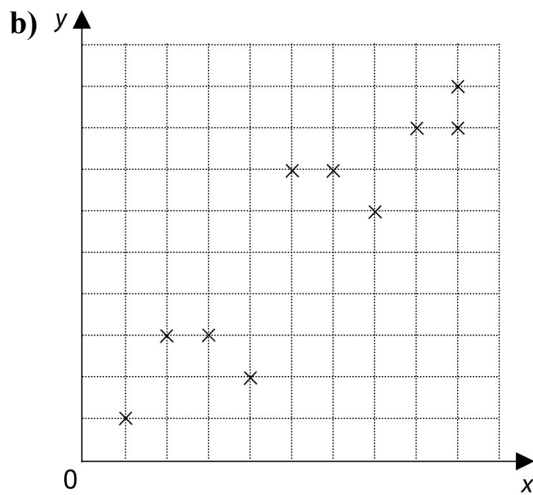
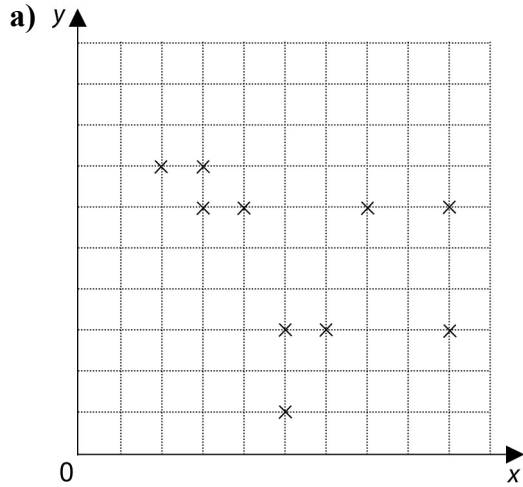


# Practice: Linear and Non-Linear Relations

1. Does each graph show a linear relationship or a non-linear relationship? Explain.

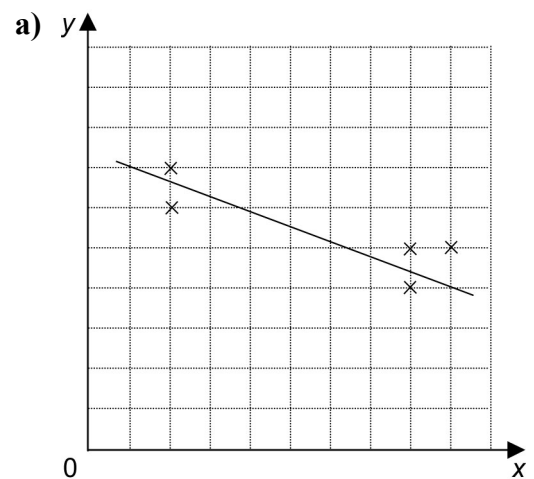


2. Plot each set of points on a grid. Does each set of points have a linear relationship?

- a) (1, 2), (9, 7), (5, 9), (3, 2), (8, 1), (8, 9), (7, 4), (2, 7), (6, 1), (4, 7)

- b) (1, 9), (9, 6), (5, 7), (3, 8), (4, 9), (2, 9), (6, 8), (8, 7), (7, 6), (8, 5)

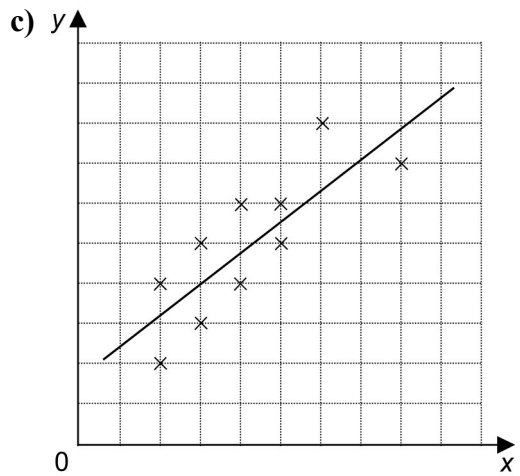
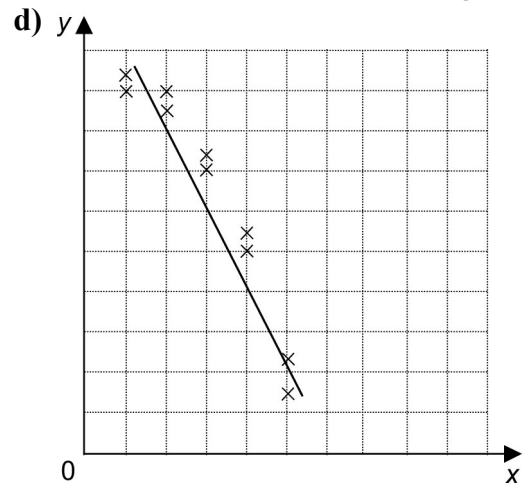
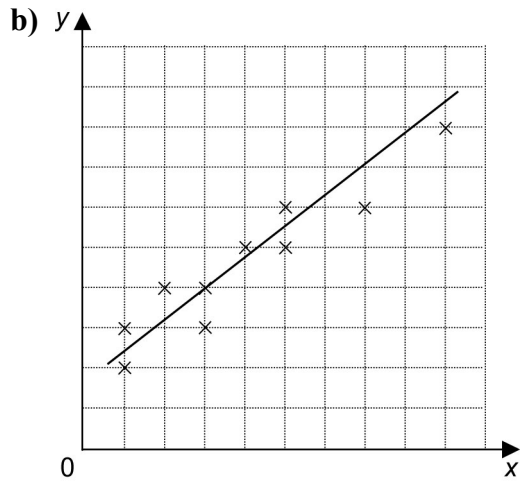
3. Is each line of best fit a good model for the data? Why or why not?



Name: \_\_\_\_\_

Date: \_\_\_\_\_

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4. Plot the points on a grid. Draw a line of best fit if the plot shows a linear relationship or a curve of best fit if the relationship appears non-linear.

<b>x</b>	5	1	2	8	2	4	6	7	6	8
<b>y</b>	6	7	7	4	6	5	5	3	4	3