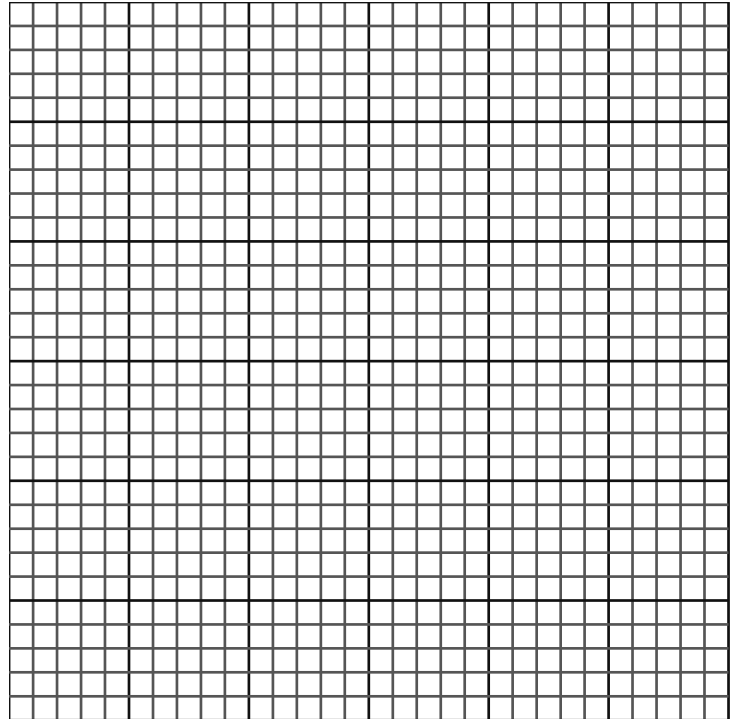


An old mine severely contaminated Clear Lake for years. This table represents some water quality readings for Clear Lake. The data collection began shortly before the mine was shut down.

Date	ppb	Date	ppb	Date	ppb
5/5/93	8541	5/5/94	8274	5/5/95	5412
7/5/93	8531	7/5/94	7652	7/5/95	4974
9/5/93	8550	9/5/94	7168	9/5/95	4684
11/5/93	8524	11/5/94	6617	11/5/95	4364
1/5/94	8558	1/5/95	6151	1/5/96	4046
3/5/94	8530	3/5/95	5822	3/5/96	3810

Draw a sketch of the data plot.

Determine when the mine closed down.
Explain how you arrived at your conclusion.



Estimate/Eyeball to get the best-fit line for the recovery period.

Give the line's equation in slope-intercept form.

How many decimals do you think you should record in your slope and y-intercept values? Give your reasoning.

Determine when **your** "best-fit" line will yield acceptable water quality. That is, less than 10 ppb.