Created by Kimia Zarreh-Eghbali

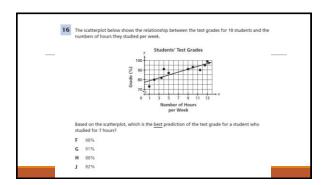
Warmup $4/|4 \cdot 3 \cdot 0 + 4 \cdot 3|$

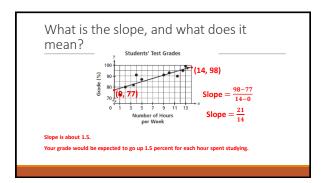
WE ARE STARTING CLASS NOW!

GET A RULER/CALCULATOR

- Draw what you think a scatter plot comparing "Size of house" and "Cost of electricity bill" would look like.
- Draw what you think a scatter plot comparing "Number of school absences" and "Number of homework assignments completed" would look like.

Volume Quizzes





How to find the slope of a line of best fit

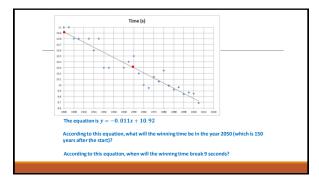
- Draw two <u>new</u> points on the line of best fit (Preferrably far apart!) and estimate their coordinates.
- 2. Use $\frac{y_2-y_1}{x_2-x_1}$ to find the slope.

You do NOT use the points from the actual scatter plot. (Unless they are <u>directly</u> on the line!!!)

On your notes page...

- Complete the "Olympic Scatter Plot" Problems 1 & 2
- You must use a ruler for the line of best fit
- Early finishers can move on to 3-6





ASSIGNMENT Creating Lines of Best Fit Practice