Created by Mr. Lischwo

Warmup $4/(Slope \ of \ y = 12x + 10)$

 Use the data in the table to answer the following question: In this sample, is there an association between gender and "handedness"? (You need a calculator for this!)

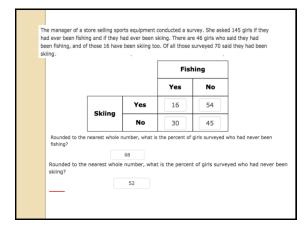
	Left- Handed	Right- Handed	Total
Male	10	120	
Female	6	30	
Total			

Quiz tomorrow

- Positive vs. Negative vs. No Correlation
- Choosing the best line of best fit
- Finding the equation of a line of best fit (finding slope & y-intercept)
- Interpreting what the slope & y-intercept mean in context
- Finding percentages from frequency tables
- Knowing if there is an association between the two variables in a frequency table
- Filling in a frequency table based on given information

	Spanish	French	German	Total	
Boys	10	2	8	20	
Girls	15	12	3	30	
Total	25	14	11	50	1
2. W	'hat perce 'hat perce	12 50 nt of the 10 25 nt of the 11 50 nt of the	= 24% e students = 40% e students = 22%	who ta	is who take French? ake Spanish are boys German? e German?

	Spanish	French	German	Total	
Boys	10	2	8	20	
Girls	15	12	3	30	
Total	25	14	11	50	
	$\frac{1}{0} = 10\%$			% of the	boys took Fren
- 2	$\frac{2}{0} = 40\%$		Fr	it 40% of ench. So	the girls took girls were mor ke French.
Girls: $\frac{1}{3}$ Is the	$\frac{2}{0} = 40\%$		Fr lik n between	it 40% of ench. So cely to ta	girls were mor



Do p.693 #I and p.696 #I5

• This is all reading comprehension!!! Read the statements carefully!!!

Due tomorrow

• Review – Scatter Plots & Frequency Tables