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| **Day** | **Section** | **Objectives:** Students will be able to… | **Homework Problems** | **Homework Due** |
| Tues. 12/10 | 3.1a | * Identify explanatory and response variables * Make a scatterplot * Interpret scatterplots (direction, form, strength, outliers) | 1, 5, 7, 10, 27, 28 | Wed. 12/11 |
| Wed. 12/11 | 3.1b | * Know the basic properties of correlation. * Calculate and interpret correlation. | 15, 17, 21, 25, 26, 29, 31, 32 | Thurs. 12/12 |
| Thurs. 12/12 | 3.2a | * Use technology to find a least-squares regression line. * Interpret the slope and *y* intercept of a least-squares regression line. * Use the least-squares regression line to predict *y* for a given *x*. * Calculate and interpret residuals. | 35, 37, 39, 41, 45, 53, 71-73  (#53 is referred to in tomorrow’s homework, so keep the data in your calculator) | Fri. 12/13 |
| Fri. 12/13 | 3.2b | * Construct and interpret residual plots * Interpret *r*2 * Identify the equation of a least-squares regression line from computer output. * Recognize how the slope, *y* intercept, standard deviation of the residuals, and *r*2 are influenced by extreme observations. | 49a, 55, 59, 61, 63a-c, 74–78 | Mon. 12/16 |
| Mon. 12/16 | Chapter 3 Review |  | Stay tuned | Tues. 12/17 |
| Tues. 12/17 | Chapter 3 Test |  |  |  |



For help, check out

glausermath.weebly.com