

AP Stat

Chapter 3 Test

MC

- ① Make prediction from regression equation
- ② Find a residual
- ③ Identify explanatory and response variables
- ④ Properties of r .
- ⑤ Interpret correlation coefficient
- ⑥ Properties of correlation/regression
- ⑦ Interpret slope/y-intercept
- ⑧ Interpret residual plot
- ⑨ Correlation (warm up)
- ⑩ Units and correlation

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Given data, computer output, residual plot

- ① ID explanatory and response
- ② Scatterplot on calculator
- ③ Find regression line on calculator
- ④ Interpret slope
- ⑤ Interpret y-intercept
- ⑥ Find a residual (like Big Mac)
- ⑦ Interpret correlation coefficient
- ⑧ ID and interpret coefficient of determination
- ⑨ ID and interpret standard deviation of residuals
- ⑩ Is linear model appropriate?
- ⑪ Predict
- ⑫ Predict
- ⑬ Extrapolation
- ⑭ Association and causation