

Example (CONT)

Using the residual table from page 1, answer the following...

- 1) Identify any possible outliers.
 - a) Most of the residual values are between.....
 - b) List any possible outliers.
 - c) Explain what these values mean in context.

- 2) What does a positive residual mean in context?

- 3) What does a negative residual mean in context?

Notes
The meaning of R-Squared

R-Squared – The _____ of the difference in y-values that can be _____ by the regression line.

Example

Referring back to the backpackers...

The correlation coefficient (r) was $r = 0.795$
 $R^2 = \text{_____} = 0.632$, which means:

What percentage is due to lurking variables?

Name two possible lurking variables.

Using the residual table, correlation, and r-squared value, is this line a good fit or not? Explain.

Summary
Summarize the lesson in your own words