RAISE For Success + Equity
Rice Algebra Initiative

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Unit 3 Student Self-Assessment

After completing Unit 3, please mark how much you agree with the following statements.

If you want to brush up on any of these skills, refer to the lesson heading above it.

I can...	I can	Almost	Not yet
Lesson 3.1: Linear Models			
Describe the rate of change and y-intercept for a linear model in everyday language.			
Draw a linear model that fits the data well and use the linear model to estimate values.			
Lesson 3.2: Fitting Lines			
Write linear models by hand from tables and graphs.			
Describe the rate of change and y-intercept for a linear model in everyday language.			
Use technology to find the line of best fit.			
Lesson 3.3: Residuals			
Plot and calculate residuals for a data set and use the information to judge whether a linear model is a good fit.			
Lesson 3.4: The Correlation Coefficient			
Describe the “goodness of fit” of a linear model using the correlation coefficient.			
Match the correlation coefficient with a scatter plot and linear model.			

I can...	I can	Almost	Not yet
Lesson 3.5: Using the Correlation Coefficient			
Describe the strength of a relationship between two variables.			
Use technology to find the correlation coefficient and explain what the value tells you about a linear model in everyday language.			
Lesson 3.6: Casual Relationships			
Describe the strength of a relationship between two variables.			
Analyze connections between two variables to determine whether or not there is a causal relationship.			