Levels 11-18 book work project pg 94 Algebra 1 : Introduction to Functions-Evidence of learning

Learning target: CCSS.Math.Content.8.F.A.1Understand that a function is a rule that assigns to each input exactly one output. The graph of a function is the set of ordered pairs consisting of an input and the corresponding output.

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| --- | --- | --- | --- |
| Group Members | arms | | Height |
|  | Left | right |  |
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Assignment: Your job is to determine if the data you collect from your classmates represent a linear function. You will work with two other students to collect measurements about the lengths of their arms and their height. You must report your data with units of measure.

* Find a pattern and describe it ( based on data).
* Find the unit rate for each student’s height/arm
* Describe the relationship: does this table represent a function? Why or why not? (remember that a function has certain requirements. Be sure to justify your answer based on what you know about determining a function.