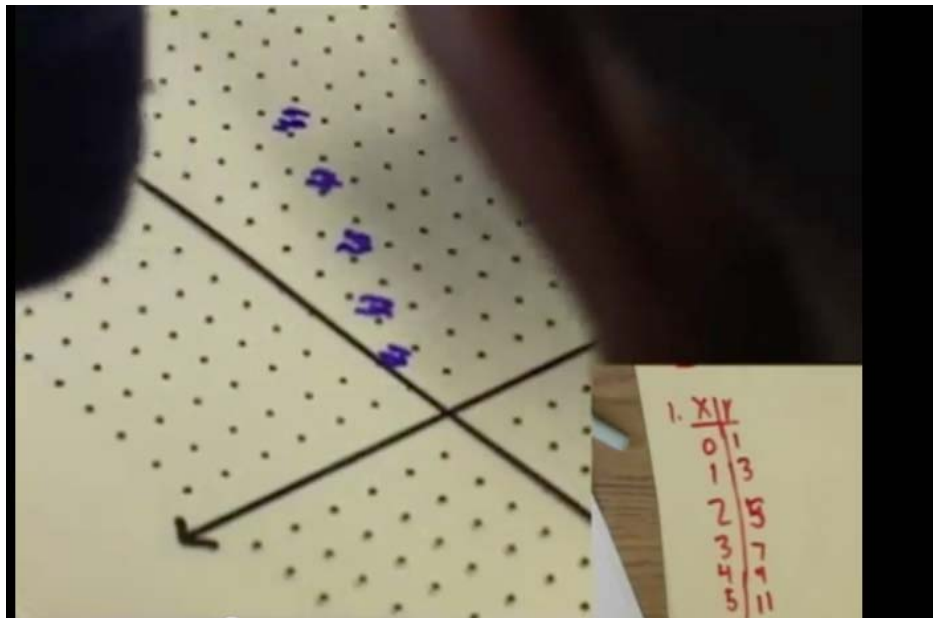


**Description:** Group sharing guess my rule problem 1  
**Parent Tape:** Early algebra: Investigating linear functions, Series 3 of 7: Graphing and sharing Guess My Rule problems, Clip 7 of 7  
**Date:** 2005-11-03  
**Location:** Frank J. Hubbard Middle School – Plainfield, NJ  
**Researcher:** Carolyn Maher

**Transcriber(s):** Yedman, Madeline  
**Verifier(s):** Tripathy, Sadhwvi  
**Date Transcribed:** Spring 2009  
**Page:** 1 of 3

Time	Speaker	Transcription
00:00	R1	You guys take about five minutes to write down what you found the other day- yesterday, on your transparencies and then we'll get together up here and share our rules, and also our ways for finding rules together.
	Brandon	This is the problem number one, and this is the rule. "The rule is that the x axis goes up by one and the y axis goes up by two.
	R2	What do you mean by x axis?
	Brandon	This side, the x side.
	R2	This is the x side? Okay, and what do you mean by this y axis
	Brandon	It's the y side.
	R2	Okay, do you know how to graph this valueinaudible.
	Brandon	<i>Written Graph Below</i>



...with your transparencies, so  
 five,  
 three  
 seven, four nine, five eleven. So Brandon and Yonnie, wanna tell us what you did?  
 Brandon Alright, the x axis goes up by one, for example zero, one, two, three, four, five, y'all get it now? Y'all get it?  
 R1 Tell us about the y axis  
 Brandon About the y axis? It goes up by two.  
 Ariel Just say times two plus one.  
 Brandon By two, by one, three, five, seven, nine, eleven. Do y'all get it?  
 James Yeah  
 Brandon No you don't.

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3:32 R1 Is that the rule you guys have stated there?  
Brandon Yes.  
R2 Do you guys agree about that? Anybody with any questions?  
Brandon Yonnie said it was wrong. Then we did graph and it was true.  
James See I told you I was right.  
Brandon No I did it wrong because it's upside down.  
R1 So can you explain what you got in the graph there?  
Brandon We got...I did do it wrong I think  
James No  
R1 Here's your problem, can you explain what you got there?  
Brandon That same thing as here. Oh never mind I did it right, I did do it  
right. My bad. That's zero one.  
R1 Which is zero one?  
Brandon Alright this is zero one (points to first point on above graph). As  
in right here.  
R1 Okay stop right there. Point to zero one, with your pen. Which  
point is it?  
Brandon Right there.  
R1 Okay, what do you guys think?  
Ariel eeee  
Brandon What is it man?  
Ariel Zero one should be one of those dots.  
Brandon Oh, if it's one of the dots then my bad.  
Ariel Zero's on the line  
Brandon Yeah that's what I, I know!  
R1 Yonnie come here, point to zero on this graph.  
R2 Can he have a pen to point out?  
Yonnie Zero is on this line right here.  
R1 Okay, how about the point zerozero where is that?  
Yonnie Point zero zero is right here!  
R1 Okay, then where would the point zero one be then?  
Yonnie Zero one would be zero. You'd go zero across and one up.  
R1 Alright so that's where this first point should have been.  
Yonnie Aw Brandon messed up.  
R1 Everybody see what Yonnie just did there?  
Ariel You know you could have just wrote for the rule, times two plus  
one?  
R2 Brandon do you agree with that? That's the point zero one?  
Yonnie can you explain that?  
Yonnie It's right there. This one right here.

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- Brandon That's what I said, it's right there. I just put it up so yall could see it.
- R1 Okay next time you draw your graph so we can see where you're talking about you label them nicely, but we didn't know what you were talking about. So use your pen to go over the dot so I know which one you're talking about. So what do you guys think about Brandon and Yonnie's rule? It describes what's happening in the table there, but can you describe it differently though?
- Ariel They could have just said times two plus one.