

Description: Early Algebra Ideas Involving Two Variables: Clip 6 of 18, Work on Guess My Rule Problems 2 through 5 Parent Tape: Early Algebra Ideas Involving Two Variables Date: 1993-10-01 Location: Harding Elementary School Researcher: Robert B. Davis	Transcriber(s): Spang, Kathleen Verifier(s): Yedman, Madeline Date Transcribed: Fall 2010 Page: 1 of 4
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1		RBD	Ah, why don't you talk to your neighbors and see what you can do with problem two. We know about problem one. So, problem two, you've got the table and you're trying to find the equation, just what Romina told us.
2		Ankur	I'm finished
3		RBD	You're finished? On all of them or number two?
4		Ankur	Just number two
5		RBD	Number two. OK, come show me would you? [Ankur walks up to the board.]
6		RBD	OK, is that right it...?
7		Ankur	Yeah.
8		RBD	It would be box times two plus five. OK.
9		Ankur	Then one and seven would work too and...
10		RBD	Yeah they all work. OK, um, OK, why don't you go and do the third one, see if you can do a few more of them.
11		Student	Plus four. And whatever you get...

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12		Student	Say it again Matt.
13		Student	Yeah I see it
14		Student	One times one plus five...these would have to be all the same equation.
15		Student	You figure these go up by two every time and these just go up by one. Maybe you could put a box over here.
16		Michelle I	All right. The three is here because there is three between each number and the one is with that one and it would just equal one.
17		RBD	Huh, that's really neat. That's very nice. See if you could do some work with it.
18		Matt	This plus one, two, three, four, five, six, seven, eight. Those go up to six and it's five, six, seven, eight, nine...
19		RBD	Yeah that's true isn't it?
20		Matt	And then this one is all prime numbers, one, three, five, seven...
21		RBD	Uh
22		Matt	It sort of like it goes in a certain...
23		RBD	Now wait, I don't see the one, three, five, and seven, I see one, four, seven, ten...
24		Matt	But, plus one, plus three, five...
25		RBD	Oh, oh, I see, oh, oh that's neat.
26		Student	I think I found the plus one.
27		Student	Plus this times three plus five.

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28		Student	I had the plus one.
29		RBD	How many, how many people have got problem two done? You got three. OK, I need somebody to come and do two, Amy-Lynn would you do three? You got three, would you do three? I need somebody to do two. Uh, OK, Michelle would you do two? Show everybody how you did two. OK we need to talk about that, is it OK if we give away secrets or is it too early to do that?
30		Student	Could we tell it later on?
31		Student	Wait.
32		RBD	OK.
33		Michael	We should give the secret right now.
34		RBD	We should give the secrets right now, but some other people are saying it's too early.
35		Michael	Why... am I the only one who doesn't know it?
36		RBD	I doubt that. Michael, are you working with Milin on it?
37		Michael	Yeah, but he won't tell me the secret
38		RBD	He won't tell you the secret.
39		Mike	Naughty, naughty.
40		Bobby	Why should he Mike?
41		RBD	Well, because they're working on it together, how can they work together...?
42		Michelle I	Is that negative two or just two?

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43		RBD	That's negative two
44		Michelle I	OK, gotcha.
45		Brian	Oh my god it does it does.