

Description: Early Algebra Ideas Involving Two Variables: Clip 11 of 18, Attempts at Solving Problem 6 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 2
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RBD It'll work. OK, is everybody happy with that? You all know that?

Students Yeah.

RBD You know that's a very important set of ideas in mathematics.

Student What about number six.

Ankur I think we have something for six, but...

RBD You think you've got something for six.

Ankur I think we found out how to write it.

RBD You found out how to write it, OK, well come and show people.

Student Can we do this like...?

RBD Now, wait, maybe you don't want to do that, you're right

Ankur Aw, can we just show you?

RBD Yeah let's just show the camera, huh, let's just show the camera.

Ankur Can we show you first?

RBD Yeah you could. I'll be right back OK.

Ankur I'm not saying anything. OK, the number in the, the two numbers in the brackets are always the same and the number after the bracket is always one.

RBD That's certainly, right, uh, do you suppose you could... why don't you, let me get out of the way, here, so the camera could get some shots and maybe you should set that down so the camera can get that. And maybe you could explain it. When she says you can talk you can talk.

Ankur The two numbers in the brackets are always the same; the number after the bracket is always one.

RBD OK, now you certainly managed to write it, could you write it using the box and triangle method of writing?

Ankur What do you mean?

RBD Well, you know what we did here we used the box and triangle instead of using words we used the box and triangle. See if you can do that.

Ankur Like two times two just write the problem?

RBD Well, write down the equation with the box and triangle in it. Yeah, Michelle almost said it when you were down here before.

Michelle I I did?

RBD Yes you did. Why don't you go and work on it some more you've almost got it.

RBD You've got something you want to tell the camera?

Brian Yeah.

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RBD Well, come on up, tell the camera.
Brian if you do this zero times two plus one you get one and that's that
so move it up there. Then, one times two plus one is three and
that's that. And then two times two plus one is five. And three
times two plus one is seven and there's that and four times two
plus one is nine, and there it is. And five times two plus one equals
eleven. So it's just like this, move that up there.

RBD I think that's a good idea, um can you try, it wouldn't hurt to think
about that a little bit more cause I think you may find something
that's simpler and find a way to write all that with the boxes and
triangles.