

Description: Early Algebra Ideas Involving One Variable: Clip 9 of 11, Finding a Second Secret Parent Tape: Early Algebra Ideas Involving One Variable Date: 1993-09-30 Location: Harding Elementary School Researcher: Robert B. Davis	Transcriber(s): Spang, Kathleen Verifier(s): Yedman, Madeline Date Transcribed: Fall 2010 Page: 1 of 6
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Davis Okay, let me think of some numbers here. Umm
 Student Give us real hard ones.
 Student Yeah, give us real hard ones.
 Davis Yeah, I'll try, I'll try that.
 Student Yeah, give me a real hard one! Give me a real hard one.
 Davis Okay good. (Inaudible). Can anybody tell me right away?
 Stephanie I don't have a secret-nobody will tell me-
 Milin It's number nine, it's number nine
 Student fifteen and two. Fifteen and two
 Davis Is that the same?
 Milin Yeah. Its number nine
 Jeff It's fifteen and two. It's fifteen and two
 Davis Is that-
 Jeff -its
 Milin None of them work. Fifteen and two do not work
 Jeff Milin just be quiet.
 Michael I know he took that number right out of his hand and how
 how do we even know that it works
 Bobby Five and six.
 Student Yup. Yup
 Davis Five and six. Bobby says five and six. Will people try
 them?
 Student I could see. I got it I got it
 Student No, five and six work
 Davis Do they work?
 Student I got it. I got it.
 Student What's the secret?
 Stephanie Two does not work
 Student I got it. I got it.
 Student Can you tell me the secret?
 Brian Oh! I was right
 Student 1, 2, 10.
 Student 10, 9, 8
 Student One. Two (Brian approaches Ankur and Ankur whispers in
 His ear.)
 Milin You should know the number.

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Davis Okay.
 Brian Ohhh
 Davis Has anyone checked for five and six. Are they right or not right?
 Stephanie Oh sure you tell Brian?
 Ankur No, he told me his and I told him mine.
 Stephanie Uh huh.
 Davis Has anybody checked five for this problem does it work?
 Michelle No
 Davis Michelle says no it does not work.
 Michelle Not from how I did it.
 Student It should work
 Student Its 25 minus 55
 Davis Let's all check it together (inaudible chatter)
 Milin It works. It works
 Davis It works. Okay let's check it.
 Milin 25 minus 55
 Davis It says 25 right minus 55. How much is that?
 Milin That's 30.
 Davis How much-
 Milin That's um
 Milin negative 30
 Stephanie negative 30
 Milin Plus 30 would be zero
 Davis I'm with Stephanie. Negative 30 and plus 30 would be Zero. So it works okay
 Student Any numbers I'll get it. Any numbers I'll get it. (Inaudible chatter)
 Stephanie Can you not fling your pencil. You're putting it in my face.
 Milin Its not a pencil
 Stephanie Pen. Whatever it is
 Davis Okay. Lets see what I can do this time. Uh (begins to write on board)
 Jeff Make it one so one times one-
 Milin Be quiet
 Davis Box times box minus fourteen times box plus thirteen equals zero.

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Student	You can't do that.
Student	Can't do that
Davis	Can't do that Can't do it.
Milin	It's impossible
Davis	It's impossible. No number works.
Students	No number works
Jeff	I don't understand this; this makes no sense.
Davis	Everybody agree with that
Brian	I think, I think the number you have to plus has to be more than the number (inaudible)
Student	I know the first number has to be smaller the second Number has to be higher
Davis	Okay um. Okay, could we get it quiet for a second I want to make sure. Now could we get it quiet I want to make sure everybody could hear. Matt what are you about to say
Matt	number-Well
Davis	Don't tell the secret right.
Matt	One works
Davis	Matt says one works. Now some people are telling me- Ankur says no numbers work and Matt says one works
Jeff	One works. (Inaudible)
Bobby	I know its one and thirteen.
Davis	Bobby says one works and thirteen works.
Matt	Yup yup
Jeff	I'ma let you in on a secret. I don't even understand this (inaudible chatter)
Students	It works, it works, it works.
Michael	Only one and thirteen goes. Only one times thirteen goes into-
Jeff	I'll give you the secret. I want everyone in on the secret right here
Ankur	Can I tell you the secret
Davis	Come whisper it into the microphone. (Ankur approaches Davis and whispers answer into ear)
Davis	Yeah, that's good.
Ankur	Brian, Brian. That's your secret
Davis	Okay, now-

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Michelle I You practically are figuring out the answers for them.
Jeff And you just give them the answers and then nobody else knows.

Michelle I Then it's not a secret if you give them the answers.
Michael Why don't you give us the answers?
Jeff You always give them the answers.
Michael Why don't you give us the answers?
Jeff You always give them the answer. Yes, yes, yes you did.
Don't lie to me.

Michael Why don't you give us the answers?
Milin [Talking to Stephanie] I got a hint for you. Look at the first page. See that's how I figured out the thing. Just look at the first page.

Ankur Look at any problem.
Stephanie No but what am I suppose to look at in general? Like, the first page what? What am I suppose to be looking for?

Milin You are suppose to, look at, try looking at these numbers and try looking at the answers. Then tell me like what's the other number was this. It's two right?
Three and two, right?

Romina I thought that was eleven for a minute there.
Stephanie Okay. Does it have something to do with [inaudible].
Student What did you get for number five?
Jeff How come one never works except for the time we all think of one?

Davis Okay, is there anybody who thinks they don't know any secrets about this?

Michael I am trying to figure it out. I do not know one secret.
Thank You.

Jeff My secret was that I have no secrets and I don't know what we're doing.
[Inaudible].

Milin [Inaudible].
Stephanie It does.
Davis Okay.

Michael We have to figure something out.
Stephanie Oh, okay. How do you get this there? I mean you guys are just getting it like that.

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Student	Then it's not a secret.
Michael	Hey, everybody on this side is saying their secret and their saying it to this side.
Jeff	Now whistle.
Milin	What is the highest number that is multiplied with this?
Davis	Okay. Okay, we need to have another discussion. Okay. Okay. Can I get everybody's attention for a second?
Ankur	We'll sell it to you.
Davis	Okay, we need another discussion on ethics again. What are we going to do? Some people say they don't know any secrets.
Jeff	Did we ever discuss ethics? When did we discuss ethics?
Student	Jeff, I'll give you one hint.
Milin	And if it's seventeen [Milin is talking to Stephanie but it is inaudible]
Davis	How many people think they know one secret but not any more than one?
Stephanie	Oh, okay. I know it. I know it. I know it.
Michelle I	Well, how many people think they don't know any?
Jeff	How many people are lost in space and are revolving around the moon?
Davis	One but not any others?
Brian	One but not any others.
Davis	Who thinks they know more than one?
Stephanie	I just know one.
Davis	How many do you know? How many secrets do you know?
Student	Two.
Davis	How many do you know?
Student	Two.
Davis	Two. Two.
Michael	I know a secret.
Brian	Two.
Davis	Two.
Student	Zero.
Davis	Zero.

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Michelle I I don't think it's a secret because everybody is telling everybody.

Jeff I know cause I think whenever Brian thinks he tells two people and they tell everyone on that side, people and Milin tells no one and Ankur and Ankur thinks he is cute over there and you just [inaudible].

Brian When I made up my first secret, I didn't tell anyone.

Michael Brian tells Romina, Amy Lynn and Bobby.

Brian Are you just mad because you don't know any secrets?

Jeff I don't know any secrets Brian. That's no secret.