

<b>Description: Early Algebra Ideas Involving One Variable: Clip 8 of 11, Losing the "Secret"</b> <b>Parent Tape: Early Algebra Ideas Involving One Variable</b> <b>Date: 1993-09-30</b> <b>Location: Harding Elementary School</b> <b>Researcher: Robert B. Davis</b>	<b>Transcriber(s): Spang, Kathleen</b> <b>Verifier(s): Yedman, Madeline</b> <b>Date Transcribed: Fall 2010</b> <b>Page: 1 of 5</b>
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Time	Speaker	Transcription
	Jeff	Is it wrong? Don't erase.
	Michael	I'll whistle it into the microphone.
	Ankur	Michael, do you know a secret?
	Jeff	I'll keep it a secret till we are sure.
	Stephanie	Yeah.
	Ankur	Michelle, do you have a secret?
	Jeff	We think we do.
	Romina	I do.
	Jeff	We are almost there.
	Davis	I'm going to make up this problem here and that's going to be nineteen and that number is going to be sixty. [Off camera: Davis writes $(x) \square (19 + ) + 60 = 0$ ]
	Romina	I have. Amy, me and Brian have it.
	Michael	I know what the secret is but I don't know how to use it.
	Bobby	I have it too.
	Davis	This problem here and it's nineteen [inaudible].
	Michael	It's the multiples of a number.
	Student	What multiples?
	Student	Uh oh!
	Stephanie	Oh okay. Is one of the numbers six?
	Brian	Oh! Oh! Oh!
	Michael	I don't know the secret.
	Jeff	No, don't erase that. Ah!
	Davis	What? Okay. Stephanie says one number is six. [Davis writes 6.] Anybody got any others?
	Milin	Would another one be ten? [Davis writes 6, 10]
	Student	I know.
	Brian	Oh! I think, what does it say? Five and twelve.
	Student	Thirty.
	Davis	One of the numbers is thirty.
	Michelle I	It doesn't work.
	Bobby	I know.
	Student	Thirty.
	Jeff	Are we suppose to use two separate numbers?

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Student	One of the numbers is three.
Michael	How did you get this?
Student	Thirty.
Milin	I got one.
Student	Thirty.
Davis	Thirty.
Jeff	Eight.
Brian	I can't believe I got that though.
Stephanie	Oh my God this is so easy.
Davis	Eight.
Student	Five.
Davis	Five.
Brian	That was the first problem that came to my mind.
Jeff	Well.
Michael	Oh, now I get it. Hey I know what it is.
Stephanie	These are like the easiest problems.
Student	Oh my God!
Michael	Hey I know what it is?
Jeff	I'll try my old one.
Davis	Would people check this out? I think maybe we got five.
Jeff	Someone just shoot me.
Michael	I know what it is. It is the multiples of the number.
Milin	I got ten.
Stephanie	I'll do six. I'll do six. Six.
Matt	I got two.
Jeff	Oh God I know.
Brian	What about twelve?
Jeff	He had to go say it.
Matt	I have two.
Brian	You forgot twelve.
Davis	[Davis is talking at the same time the students are talking. Off camera: Ten, five, two. Davis writes 6, 10, and 2. Two. One of the numbers is two. Another number is three. Davis writes 6, 10, 2, 3. This one has lots of numbers. Thirty, thirty. Davis writes 6, 10, 2, 3, 30. Bobby, I didn't hear you. Five. Davis writes 5, 6, 10, 2, 3, and 30 Okay, uh would people check these out? I think maybe we better

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be careful. Who is going to check five to make sure it works? You're checking ten. Okay, will you...which one are you doing? Six? Okay, Stephanie is doing six. Hum, Milin is doing ten. Anybody checking...Who is doing two? Matt, you're doing two. Matt, that's Milin, this is Matt. Michael you're doing thirty? Okay, somebody is doing three?]

Matt	Five is wrong.
Michael	I'll do thirty.
Bobby	I'll do seventeen.
Michael	Me do thirty.
Davis	Ankur you have thirty?
Jeff	Robert, what are you doing Robert?
Student	For which number?
Brian	I'll guess I'll do three.
Student	I did one already.
Michael	Thirty times thirty.
Davis	Brian is doing three? Good.
Milin	Ten doesn't work.
Ankur	Ten doesn't work.
Milin	Ten does not work.
Davis	Ten does not work.
Student	Are you sure Mil?
Milin	Yeah.
Student	Are you sure?
Milin	Yeah.
Student	What number works?
Milin	Yeah, ten times ten is one hundred. Yeah, ten times ten.
	Yeah ten times ten is one hundred and
Ankur	We lost our secret.
Milin	We lost our secret. Hey, you can't do that.
Michael	It only worked for a couple of them.
Student	It doesn't work.
Davis	What good is a secret that doesn't work?
Student	Ten doesn't work.
Jeff	I can say. I can think it's twelve or I can think it's eighty-three in my head but it's worthless, it's worthless if, if it's

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not right. [While Jeff was talking, other students were talking at the same time.]

Student Three doesn't work.

Student Two doesn't work.

Student Five doesn't work.

Student Does thirty work? Who's got thirty?

Student Wait, there is no possible answer for that one.

Michael I'm doing thirty. Hold on. Hold on.

Davis Okay, let's, let's get rid of some of these which are the ones we are sure doesn't work?

Student Three.

Brian Ten.

Michelle I All of them don't work.

Student None of them work. None of them work.

Milin Thirty. Michael do thirty.

Ankur Thirty doesn't work either.

Davis Oh wow! You checked all of them and none of them worked.

Student Where is the calculator?

Michael Is there an answer to that one?

Student I think I know why.

Student Should I tell you why?

Michael Because of the geometric shapes.

Student I know what it is.

Stephanie Six doesn't work.

Michelle I Where the heck is the problem?

Student I don't know.

Jeff There is no more problems.

Stephanie Six doesn't work.

Davis [Is talking in the background. Inaudible].

Jeff What do you think it is?

Bobby I know the answer to five.

Jeff It's either eight or thirteen.

Michael It's got to be sixteen.

Jeff It's eight or thirteen.

Davis What? It's either eight or thirteen.

Jeff Yeah. It's got to be one of those two.

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Davis	Okay. Would someone check eight and someone check thirteen?
Jeff	Someone check eight and thirteen.
Student	Ankur look, look.