Description: Early Algebra Ideas	Transcriber(s): Spang, Kathleen
Involving Two Variables: Clip 10 of 18,	Verifier(s): Yedman, Madeline
Mike's Solution to Problem 2	Date Transcribed: Fall 2010
Parent Tape: Early Algebra Ideas	Page: 1 of 2
Involving Two Variables	
Date: 1993-10-01	
Location: Harding Elementary School	
Researcher: Robert B. Davis	

RBD	Um, OK, I guess I'd like to one on the board so that everybody gets to see one. OK, could we get everybody to think about one	
	problem, the same problem for a minute, and let's do one of the	
	first five I think that's what people feel the happiest about. Who is	
	going to come and explain one? Who has not had a chance to talk	
	to the camera? Yeah Mike, why don't you come up and explain	
	one right up here and explain it.	
Mike	What number?	
RBD	It's your choice not one but two or three or four or five	
Mike	I'll do number two	
RBD	Lib OK you see where the	
Mike	Mike writes on the hoard	
WIIKC		
	0 5	
	1 /	
	2 9	
	For, whenever you have a number under the triangle there has	
	be a pattern, see five and seven, the difference is two. Five plus	
	two is seven. Seven plus two is nine, nine plus two is eleven,	
	apparently it's two, you see here. OK, since two, and of the first	
	number, which is going to be box times two equals, no, plus	
	something	
Mike	[Mike continues to write	
	\Box Δ	
	$0 5 (box \times 2) +$	
	1 7 2	
	2 9 2 8 +1	
	3 11 2 7	
	4 13]	
	Zero can go into five, five times,	
RBD	Well,	
Mike	Yeah whatever, so we leave that one out. One goes into seven,	
	seven times, leave that one out. The two does not go into nine, so	
	take one out to make it eight, so we're going to have to have plus	
	one. So this two goes into eight. Two times four is eight, plus one	

Description: Early Algebra Ideas	Transcriber(s): Spang, Kathleen
Involving Two Variables: Clip 10 of 18,	Verifier(s): Yedman, Madeline
Mike's Solution to Problem 2	Date Transcribed: Fall 2010
Parent Tape: Early Algebra Ideas	Page: 2 of 2
Involving Two Variables	
Date: 1993-10-01	
Location: Harding Elementary School	
Researcher: Robert B. Davis	

RBD	is nine, so that's nine. The eleven, take one away and it's ten, but it doesn't go into ten. So you take one away so you're going to have to take one away from eight, so it's going to be seven. Well, I think some people have an idea that's a lot easier than that. Uh, could everybody hear what Mike was saying? He said he's going to start with box times two and I take it everybody agrees with that, isn't that right? You saw where he got the two? So, now		
	you want to say where you get the five from.		
RBD	Well, now you want to say where you got the five from. Um, now		
	he has a sort of complicated thing he's doing here, but I'm		
	wondering if there might not be something easier. Matt.		
Matt	It is box times two, but it is plus five. What's the first number on the right?		
RBD	So he says		
Matt	Box times two would be fine, but then you add five.		
RBD	Yeah Matt, you see where he says he's getting the five from the		
	pair zero five, he says that's the number you want to take. You		
	want to write that?		
Mike	So plus five. It'll work.		
	[Mike writes		
	\square Λ		
	0 5 $(\Box \times 2) + 5 = \Lambda$		
	1 7 2		
	2 9 2 8 +1		
	3 11 2 7		
	4 13		
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.		