

Description: Clip 8 of 8: Emphasizing precise language in problem posing Parent Tape: Fraction as Number: An Introduction Date: 1993-09-20 Location: Colts Neck Elementary School Researcher: Professor Carolyn Maher	Transcriber(s): Yankelwitz, Dina Verifier(s): Yedman, Madeline Date Transcribed: Spring 2009 Page: 1 of 2
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Line	Time	Speaker	Transcript
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1.0.360		T/R 1:	Okay, that's really great. Okay, you are really wonderful. We have about five more minutes where we can do some problem solving and then put these things away. This is what I would like you to do. I would like you to take a turn to make a problem that will challenge your partner...
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1.0.361		Erik:	I made a problem.
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1.0.362		T/R 1:	And ask your partner that problem,
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1.0.363		Erik:	You don't know mine.
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1.0.364		T/R1:	And make your partner convince you, and then you switch roles, then your partner has to make up a problem and ask you, right? And you have to convince your partner. So we are gonna come and listen to you...
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1.0.365		Erik:	You just don't know the problem I just made up. You don't know the problem I made up.
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1.0.366		T/R 1:	[To Laura] You, you can actually just do it with the rods, but you have to make up a problem for your partner and, with the rods, and your partner will make one up for you, and then after you've done that successfully, I'd like you to try, this is called, 'try to stump your partner'.
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Meredith: If you called.. If you called one a seventh, what would a whole be?

Sarah: Let's see...Brown

Meredith: Nope.

Sarah: Oh, ... Black.

Meredith: Yep.

Sarah: Whats your question?

Meredith" Um...Can't look. If red was one third, what would one be?

T/R 1: What would one be? What would one be? Did you do it? Did you ask each other one? Can you find what one would be? I want to find a number rod that has the number name one-sixth. Can you find it?

Beth: Oh! Oh! I found it! I found it! Ok I found it. Cause I thought black was a seventh. We found it!

T/R 1: What would one-sixth be?

Meredith: Green

T/R 1: Green would be one-sixth?

Meredith: Yeah, because I found out that I asked her the question if the one was considered one-seventh.

T/R 1: I'm not convinced that Green would be one-sixth. What's one?

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T/R 1: I want to know why it's one-sixth you told me that green is one-sixth, is that what you mean?

T/R 1: Green is one-sixth?

Meredith: No the one is, the one is one-sixth of green.

T/R 1: So what number name? Which rod has the number name one-sixth?

Meredith: The white

T/R 1: The white, you said green. See how easy it is? You have to be careful how you say it. Okay, so what number name is green?

Sarah: umm One.

Meredith: Six

T/R 1: So Sarah said one, is it one or one sixth?

Meredith: Its oh one.

T/R 1: Don't change your mind so fast Sarah! Right, Sarah says one. If I wanted the green to be six, if I wanted green to have the number name six – what would white be?

Sarah: One

T/R 1: See you got to be very careful. You have to go back and forth. Okay? This is very interesting but I think you should probably start to pack....