1.0.54	T/R 1:	Well, here we go, these rods have color names. And this particular rod, it should also be in your box, it has a color name. We would call it dark green, can you find it? If you open your boxes. Can you all find dark green? Can you all find the dark green one? This other one has a color name, what color name do you think we would give this one? What do you think Gregory?
1.0.55	Gregory:	Light green.
1.0.56	T/R 1:	Light green, yeah. That's what we'd call it, we'd call it light green. Did you all find the light green? Everyone find the dark green and the light green rods? I claim that the light green rod is half as long as the dark green rod. What do you think? I claim that the light green rod is half as long as the dark green rod. What do you think? What do you think? [Research waits several seconds for students to figure it out] How many think that's true? How many, what would you do to convince me? What would you do to convince me that that's true? Want to think about that for a minute with your partner? I think Andrew has already decided how to convince me. I think Caitlin also has decided, and Brian and Graham. [Researcher waits several seconds]
1.0.57	Alan:	I need another one. Two of these make a big rod. Took one away, that would make a half.
1.0.58	T/R 1:	Okay, Erin, you've never done this before. Can you tell me? What would you do, you want to speak nice and loud so everyone back there can hear you.
1.0.59	Erin:	[She puts two light green rods next to the dark green rod.] You take two of the light green rods…
1.0.60	T/R 1:	Okay.

1.0.61   Erin: And put one rod, a light green, you put them both together.

1.0.62   T/R 1:   So what you would do is you would put two light green rods together, according to Erin. How many of you did that? How many of you did what Erin suggested I do? Does that make sense? So you would convince me. So we would call, we would give the light green rod the number name, what do you think? What number name would we give the light green rod? If I called the dark green rod one, what number name would we give the light green rod? You all think about that for a minute. If I called the dark green rod one, what number name would I give the light green rod? Why don't you talk to your partner and see if you agree. [Researcher waits several seconds, walks around to different groups and asks them for the answer] Alan and Erik do you agree? Did you talk? Whisper.

1.0.63   Alan: [Whispering] One half.

1.0.64   T/R 1:   How many of you think you have a number name for the light green rod? If you think you have a number name with your group, would you raise your hand? Okay, Kelly.

1.0.65   Kelly: Umm, one half.

1.0.66   T/R 1:   Kelly thinks one half. How many of you agree?

1.0.67   T/R 1:   [Addressing whole class] Is there anyone who disagrees? So if I call the   dark green rod one, I would call the light green rod one half? Okay, that's interesting.