Description: That's Gorgeous! (Clip 2 of 3)
Parent Tape: Fraction problems:
Sharing Candy Bars (Front View)
Date: 1993-10-29
Location: Colts Neck Elementary School
Researcher: Professor Carolyn Maher

Transcriber(s): Yankelewitz, Dina
Verifier(s): Reid, Adrienne; Farhat, Marcelle
Date Transcribed: Spring 2009
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"That's gorgeous!"

1.		Dr. Davis:	Can you explain that again?
2.	00:03	James:	Ok, first I tried nine yellows, and I tried to equal up the orange with the nine yellows, four oranges to equal the nine yellows, and the oranges were too small, so then I put nine purples right here, and then I put this [holds up orange rod] at a lower level in size, and then I took blues, and that equaled up to the nine purples. Then I just had to make a whole and my whole right now is three oranges and a dark green. [Figure 10-29-14]
3.		Dr. Davis:	Alright, that's very nice. And so the white rod is?
4.		James:	One, uh, thirty-sixths. They equal five
5.		Dr. Davis:	And what did you do over here? [pointing to model with a blue rod next to five white rods and a purple rod]
6.		James:	Well, I, I just think that the blue is bigger than the purple by one fifth cuz it takes five whites to equal up to the blue, the one fourth.
7.		Dr. Davis:	Now, let me get this straight. The purple rod is, what name do you give to that?
8.		James:	One ninth.
9.		Dr. Davis:	One ninth, I understand that because nine of them are as long as your [inaudible]
10.		James:	Uh huh.
11.		Dr. Davis:	And what name do you give this?
12.		James:	One fourth because there are four.
13.		Dr. Davis:	One fourth, and what name do you give to the white rods?
14.	00:46	James:	One thirty-sixths.
15.		Dr. Davis:	So, then, how much is this? This, this [one of the white rods from the difference model] would be how much?
16.		James:	One thirty-sixth
17.		Dr. Davis:	This would be how much? [adds another white rod]
18.	01:32	James:	Two thirty-sixths
19.		Dr. Davis:	Yeah.
20.		James:	Oh, so it's five thirty-sixths.
21.		Dr. Davis:	Sounds right to me. Ok, so you can say did you solve that problem that you set out to do? Say what the problem was again, ok?

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22.		James:	Um, how much bigger is one fourth than one ninth?
23.		Dr. Davis:	Yeah. And your answer is?
24.		James:	Five thirty-sixths.
25.		Dr. Davis:	I think that's gorgeous.!