

Description: Towers Group Sharing, Clip 3 of 6: Guessing how many towers can be built three cubes high, continued Content: Harding Elementary School Researcher: Professor Carolyn Maher Tape: Towers Group Sharing Date: 10/11/90	Authors: Madeline Yedmen Verified: Robert Sigley Date: 12/07/13 Page: 1 of 4
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Line	Time	Speaker	Transcript
1	00:00	T	Do you remember what we talked about?
2	00:09	Dana	If they would tell them how much people can fit in like three of these.
3	00:25	T	Okay, if we were going to make towers that were just three, but you still had two colors. But there were just three, what was (inaudible)?
4	00:36	Dana	It was like how many people can fit inside.
5	00:42	T	(Inaudible: Student s is yelling out "I know.")
6	00:48	Student 1	I know! The question was if you have _____, if there would be more, same, or less.
7	00:59	T	Okay, the question was, if there is a tower, instead of four blocks there are three blocks in it, (mumbles) how many towers are there?
8	1:18	Student 2	There would be sixteen.
9	1:20	T	There would be sixteen if there were four. Every single person seemed to think that there were sixteen, is that what you got? Okay. And so, the question was, supposed that there are only three blocks in each tower. Would there be more than sixteen, or would there be fewer than sixteen, or would there be sixteen? And so we had Jamie and Michael and they first said that there would be fewer than sixteen and they changed their minds and that there would be the same. Then, we have Mike and Paul and they said there would be more, probably twenty. And then we had Michael and Giardo(?) ad they thought there would be the same. And we had Brian and Jeff and they thought it would be the same.

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			Who haven't I heard from? Dana and Stephanie?
10	2:14	Stephanie	We think it's the same.
11	2:18	T	Why?
12	2:12	Stephanie	Well, because you are just taking one away from here it's not like it's going to change the whole thing. It's gonna be one less.
13	2:33	T	Okay, What I hear Stephanie and Dana are saying is, if you can take one away it doesn't change. That's what they are saying. So that's your argument for there being sixteen. Okay, what about the (inaudible)?
14	2:56	Student 3	Five.
15	3:00	T	And you got one? What do you think?
16	3:03	Student 4	Same.
17	3:05	T	So you agree that (inaudible). So, what about you?
18	3:12	Student 5	We think it's more.
19	3:14	Student 6	We think it's the same.
20	3:14	T	(inaudible)?
21	3:18	Student 6	I know but I think it's two hundred.
22	3:22	T	Oh, so it's a lot more.
23	3:23	Student 5	I think it's the same.
24	3:27	T	Okay. What about you two, Steven and what's your name? Michelle? What do you think?
25	3:47	Michelle	Less.

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26	3:49	T	You think it's going to be less? If you had to guess, what would you guess? How many do you think you'll have?
27	3:58	Student 7	Fourteen.
28	3:59	Steven	Oh, fourteen. Is that what you think? What do you think?
29	4:08	Michelle	About twenty.
30	4:11	T	Okay, now, who did I not get? I didn't get this group over here all together. Hello, what's your name.
31	4:16	Michelle	Michelle.
32	4:18	T	And your name is?
33	4:19	Erin	Erin.
34	4:20	T	Michelle and Erin. Michelle was working with other Michelle when Erin was gone. What do you think Michelle?
35	4:26	Michelle	More.
36	4:28	T	Okay. Michelle and Erin, do you agree?
37	4:35	Erin	Yeah.
38	4:37	T	And you decided there would be more. Why? What I heard from Michael and Geran(?), Michael said earlier, no, it was you. Tell me your name again.
39	4:58	Matthew	Mathew.
40	5:02	T	Mathew.
41	5:09	Matthew?	We said not the same.
42	5:10	T	Did you change your mind from the same?
43	5:14	Matthew	Yeah.

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44	5:15	T	And down here, Michelle, Michelle and Erin think there is going to be more. (inaudible).
45	5:21	Michelle	(Voice is very soft so it's inaudible).
46	5:24	T	You said that there is about eight? (Inaudible). How do we figure that out?
47	5:43	Matthew	...each pattern.
48	5:45	T	And then?
49	5:46	Matthew	And then count up how many you have.
50	5:49	T	Do you think we have time?
51	5:50	T2	We should be.
52	5:54	T	Everybody (inaudible) their partners and see if you (inaudible because people start talking). Remember each one has to be different.