

Description: Clip 4 of 8: Spring egg problem with Stephanie and Michael Content: Harding Elementary School Research: Amy Martino Tape: Non-routine counting problems Date: 1990-05-01	Authors: Madeline Yedman Verified: Dasom Lee Date: 2013-11-25 Page: 1 of 5
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Line	Time	Speaker	Transcript
1		Interviewer	This is the first problem that Stephanie and Mike are working on with the spring eggs. The problem reads, each group has a carton of spring eggs. There are four colors of spring eggs in each carton. Each yellow egg has five jellybeans inside. Each pink egg has two jellybeans inside. Each purple egg has four jellybeans inside. Each blue egg has three jellybeans inside. How many jellybeans are in your group's carton? Discuss this with the people in your group and write out how you solved the problem. Here is the carton of eggs (camera pans to the eggs) that Stephanie and Mike were working with. You'll note that there are three pink eggs, one blue egg, four yellow eggs, and four purple eggs.
2	0:57	Stephanie	Twenty, twenty...
3		Mike	Twenty six,
4	1:47	Stephanie	Twenty-six.
5	1:52	Mike	I think I have the answer
6		Stephanie	Thirty-eight!
7		Mike	Thirty-eight? Can you show me the twenty? Here watch, watch
8		Stephanie	No these two are twenty, look. See each yellow egg has five jellybeans in it.
9	2:16	Mike	Yeah, five, ten, fifteen, twenty. And then pink egg has two.
10		Stephanie	Twenty six
11		Mike	Twenty one, twenty two, twenty three, twenty four, twenty

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			five, twenty six.
12		Stephanie	And then each one of these has four. Six and four is ten that makes thirty. Four and four is eight and that makes thirty-eight.
13		Mike	There's more than that. You need to have the blue eggs.
14		Stephanie	Right, and the blue eggs have three jellybeans, forty-one. That would be forty-one!
15		Mike	Wait don't put it down yet. I'm just going to count this one more time.
16		Stephanie	(inaudible)
17	3:17	Interviewer	So what are you guys doing?
18		Stephanie	Well, we're trying to add up these, the amount of eggs there are and the amount of eggs in here will tell us how many jellybeans
19		Interviewer	Like can you explain like what you mean?
20		Stephanie	Wait, if I take the yellow eggs and they have five jellybeans each. One of these would represent five and this one would represent ten.
21		Interviewer	So this represents five and that represents ten. So how many beans are there in the yellow eggs?
22		Stephanie	Yellow eggs would be twenty.
23		Interviewer	Okay.
24		Mike	It's forty-four.
25	3:53	Stephanie	I got forty-one.
26		Interviewer	Can you check it again?

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27		Interviewer	Why don't you write something down? Maybe that'll help you to keep track. I can't keep track when I don't write it down. I wrote it down when I did the problem.
28	4:15	Stephanie	Check your answer again.
29		Stephanie	Wait, you're right it is forty-four. I forgot all about this egg. Michael, you're right.
30		Mike	Forty-four. We figured it out! What you do is add twenty, six, sixteen, four
31	4:54	Stephanie	I say forty-eight. Oh no!
32	5:03	Interviewer	How's it going?
33		Stephanie	Not too good, now I got four more than him.
34		Interviewer	So you got forty-four (pointing to Mike) and you have forty what?
35		Stephanie	I've got forty-eight.
36		Interviewer	Why don't you talk though it? Let's see, tell me what you did.
37		Mike	Now I got forty-five.
38		Stephanie	Well after I took all of these, I wrote it down here. Then I kept going and I crossed out the eight and after I crossed out the eight I wrote all the numbers down.
39		Interviewer	Okay, where'd you get the twenty from?
40		Stephanie	Well..
41		Interviewer	Tell me what the twenty means?
42		Stephanie	Twenty was from the yellow eggs.

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43		Interviewer	Okay,
44		Stephanie	Yellow had five jellybeans so two of the yellow eggs would be ten and another two would be twenty.
45		Interviewer	Okay, all right so that's twenty. Okay, where'd you get the six from?
46		Stephanie	Six, well the next one was pink had two so three of these and two, two, four and two plus four is six.
47		Interviewer	Okay. Where'd you get the sixteen?
48		Stephanie	Well the eight, well the purple was next and purple had four. So four and four is eight and eight and eight is sixteen.
49		Interviewer	Okay,
50		Stephanie	Then the next one was the blue. There was one blue so that was three.
51		Interviewer	Okay, so now you have to add all that up?
52		Stephanie	Yeah,
53		Interviewer	Remember if you need any materials to help you out. Any cubes or stones or something. I have them, so just ask.
54		Mike	I got a better idea.
55		Interviewer	You got a better idea? You guys talk about it a little more and I'll be right back.
56		Mike	See I'm still getting forty-five.
57		Stephanie	I got forty-eight (inaudialbe).
58		Mike	Hey, Steph you know what I see my sister do? She writes down like if he has like four things she writes down two things and then adds that and writes that down and keeps doing that to get the answer. I think that's what she does. I

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			got forty-five.
59		Stephanie	Thirty-six..
60		Mike	Then add this.
61		Stephanie	Thirty-six and then add this to the next two numbers. (inaudible)
62	8:35	Stephanie	You're right. I admit it you're right.
63			
64			
65			