Line	Time	Speaker	Transcript
1		**R1**	Are we ready to start?
2		**Class**	Yes
3		**R1**	Okay, were gunna do two problems today, okay? We're going to do two of them, and I think that you are going to find that you're challenging but fun. Now I'm going to give you your very first problem. You'll each get this paper with the first problem on it. What you have to do is solve the problem, it's like last year guys I'm really interested in how you solved the problem and I want you to be able to explain that to me on your paper. Okay so say your answer was twenty-four, or something like that. That's fine and good, but I want to know how you got that twenty-four. And you can do that in any way that you like. You can write, you can draw, whatever. Okay your explain that to me. Whatever you do on here, I want you and your partner to decide what you're gunna put on the large paper. Remember we did this last year? Okay so you're going to decide what your group answer is, and how you did it and put it on the large paper for me. When you think you've got it and you can explain it and you've written it down, raise your hand and we will come over and see if you convinced us. All right this is a good warm up.
4		**Jaime**	Do we use these little marker thingies?
5		**R1**	You can if you want to they're really for the second problem. So you're gunna need them for the second problem.
6		**Jaime**	I want to use these. I want to use Mr. Red. Put your name. Reading the problem: Steven has a white shirt, a blue shirt

			and a yellow shirt. Oh I hate this. He has a pair of blue jeans and a pair of white jeans. How many different outfits can he make?
7		R1	Remember you work together on it.
8		Jaime	Oh no! Let's see, we'll make a blue shirt.
9		Michael	It will make twelve
10		Jaime	Huh?
11		Michael	It will make twelve.
12		Jaime	How do you know? (Counting up to twelve in her head) Twelve outfits.
13		R2	This is for you to put your shared solution on.
14		Jaime	Let's see. No, no, the white. Pretend this is a shirt and this is jeans. "W" and the "B". The "W" again, and the "W". White and white. And then blue. "B" with the "B". How many?
15		Michael	I don't know.
16		Jaime	I'm drawing a picture. A yellow, a yellow, and a "W". And a yellow and a "B". Twelve. Okay we get four…wait, wait, wait. Amy? See the white and the blue, the white and the white, the blue and the blue, the blue and the white, the yellow and the white, the yellow and the blue. Do we have to write in like first square for each problem?
17		R2	Well, this is just for this problem. So everything.
18		Jaime	Okay.
19		R2	Now do you think you've?

20		Jaime	Yeah. We think twelve. See the white shirt goes with the blue pants, and the white shirt with the white pants, and the blue shirt with the blue pants, and the blue shirt and the white pants, and the yellow shirt and the white pants, and the yellow shirt and the blue pants. So it equals to twelve.
21		R2	Well can you read the problem?
22		Jaime	It says Steven has a white shirt, a blue shirt and a yellow shirt. He has a pair of blue jeans and a pair of white jeans. How many different outfits can he make?
23		R2	What's an outfit?
24		Jaime	It's like what I'm wearing it's like an outfit.
25		R2	Okay, show me an outfit here.
26		Jaime	Huh?
27		R2	Show me an outfit on your paper.
28		Jaime	Well I just make a little shirt.
29		R2	No I mean here you've drawn it. What would an outfit be?
30		Jaime	It's clothes.
31		R2	Is this an outfit?
32		Jaime	No, no, no, they're both together.
33		R2	Okay, how many outfits do you have?
34		Jaime	Twelve.
35		R2	Show me twelve.
36		Jaime	Okay hold on. I want counting both of them. One, two, three, four, five, six. Six. I had twelve because I thought I counted one, two, three, four, five, six, seven, eight, nine,

			ten, eleven, twelve.
37		R2	Okay Michael and Jaime, somehow you've got to decide together I'm not sure but you all have to decide together and you've got to put your together decision on to there. Okay?
38		Jaime	Six, six. Six.