

# Following Up With Students-Part 1

- 1 [Jennifer Mossotti returns to two students to see what progress they've made on the State Fair  
2 Task]
- 3 Mrs. Mossotti: So what is this? What's all this math right here?
- 4 Serenity: That's to find my 10 tickets is \$1.30 and 8 tickets is  $1/15$ th and then one  
5 ticket was it said-- so 10 tickets, it said it was \$13. So I divided it.
- 6 Mrs. Mossotti: Mhm. OK.
- 7 Serenity: And got 130.
- 8 Mrs. Mossotti: What's 130?
- 9 Serenity: \$1 and \$0.30 is--
- 10 Mrs. Mossotti: For what?
- 11 Serenity: For each ticket if they're \$13 and he got 10 tickets.
- 12 Mrs. Mossotti: So if I'm going to this fair, no way I want to pay this price each ticket. So  
13 how do I get to pay that price?
- 14 Serenity: So I-- I don't-- Ms. Mossotti, this is hard.
- 15 Mrs. Mossotti: So is there, like, better rides to go on? Like I have to pay a lot more money  
16 for this ride ticket and then I got to go on this really cool ride?
- 17 Serenity: No, because it said, it said every ride ticket is the same price.
- 18 Mrs. Mossotti: Is that what you got?
- 19 Serenity: No, so I--
- 20 Mrs. Mossotti: Well then something else is happening here
- 21 Serenity: --found the average. I found the average.
- 22 Mrs. Mossotti: Oh, you're averaging them.
- 23 Serenity: Yeah and got \$3.77.
- 24 Mrs. Mossotti: So I want you to prove that the average price comes out to this and then  
25 this and then this. Because these are already on the graph. I know that this

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- 26 comes, this and this our numbers, and this and that are numbers. But does  
27 that work with this average ticket price?
- 28 Serenity: Um. I think so.
- 29 Mrs. Mossotti: Because every ticket has to be the same price you proved it right here. It  
30 says so right there. And if you think that they're on average all going to be  
31 \$3.77. I should see that this ends up here, this ends up here, and this ends  
32 up here. Either that or something else is happening that you must have  
33 forgotten about.
- 34 Serenity: OK. Let me try again.