

Determining What Students Are Thinking-Part 1

- 1 [Michelle Musumeci works to advance the thinking of her eighth grade algebra students]
- 2 Mrs. Musumeci: So you don't know where they're gonna—You don't what the
3 solution is yet or where they're? OK.
- 4 Mellina: We know they're gonna meet at four shirts. Yeah four shirts.
- 5 Mrs. Musumeci: You think they're going to meet at four shirts? Can you tell me
6 why?
- 7 Mellina: Well I think this. This might be wrong. But because 15 times four
8 is 60 that's when it's one check. So it would be-- if it's four-- hold
9 on let me think about this. If it's four shirts then they would be the
10 same.
- 11 Chelsea: Because--
- 12 Mellina: No. Because no. That's the wrong then. Because they're both 60.
13 But this one's only-- that would only be one shirt.
- 14
- 15 Chelsea: Well, OK well they're still meeting at 60.
- 16 Mellina: Well we don't know when they're going to meet.
- 17 Mrs. Musumeci: OK. So you're saying four shirts cost \$60 here, but only one shirt
18 costs \$60 here. So when you put it on the graph are they going to
19 meet? I'm just asking. I don't know.
- 20 Eva: Wouldn't it be higher than five because wouldn't four be all the
21 way up there and five be all the way down there.
- 22 Mrs. Musumeci: So they won't be in the same?
- 23 Eva: I don't know!