MALLORY WILLIAMSON: Make sure that you have nothing in your hands, and that you are tracking me, that you are sitting upright. So one final fact as we're going through this, is that volume is not just a formula. I've kind of talked to a couple of groups about this, but we say sometimes that, volume is easy to calculate because I just have to plug in length times width times height, and I'm done. But a lot of you guys can tell right away that the very first estimate that you have was kind of really far off from the, the very last solution. So finding volume by looking at something is very hard to do. We've got to get more information in order to find an accurate solution. But something I want to bring to your attention is this. In act two, I had you guys think about layers, like a cake, okay? Slicing layers, because we only see the front. You guys are going to come across volume and they're only going to give you a portion of the volume, and then you have to figure out what's hidden behind it. Well, how can I figure out what's hidden behind it? But those layers that you guys used when you calculated that length times the width, and then times it by the height, you actually did a portion of a volume called base times height. Everyone say base.

STUDENTS: Base.

MALLORY WILLIAMSON: Layer is another word for base, okay? So you can actually use a base amount and repeatedly add it or multiply it to get your total volume, okay? So remember the volume is not just a simple formula we're going to plug and chug and get it done with. It's going to take a little bit more reasoning than just looking at a problem and solving it, okay? So I appreciate your discussions today. I think we've got some really great models, really great visual representations of what was going on here. So I am grateful that you guys decided to do a little bit more than just go length times width times height, okay? All right? How many final cubes were in that box?

STUDENTS: 198.

MALLORY WILLIAMSON: Hundred and ninety eight sugar cubes. How many of you guys did not expect that? I actually didn't even know the answer until after today. All right. So there's a lot more cubes than what meets the eye, all right? Hey, do me a favor, if one person from each group would bring me their handout? Another person—you guys can actually keep the chart paper on your group's desk, another person to make sure all the supplies are put back.