

Grab Bag Video Transcript

Teacher: I would like to know if you could explain all your writing to me. How you solved this question.

Student: So what I did it is, with all of them, I lined them up so I could figure out how much each one was. Like one, and this is two, three. And then, there's no four so it would be five. I got this, so there is extra, so that's five. And so, then I wrote down here, first I needed to <inaudible> the things so there is ten little ones worth of yellow. And there is 24 little ones worth of green. And so after writing all of them down and the worth of each colour, I added them all together and I got 83. Then since the whole is ten, I did ten divided by 80 which would be eight and then I had three left over so, since it was 83 and whole is ten, so eight wholes and then three tenths.

Teacher: So, my question to you would be: Could you actually arrange these blocks in a way that would show eight wholes and three-tenths?

Teacher: How would you resolve that that is supposed to actually be eight and three-tenths?

Student: These two top ones here, they both equal two because they are a little bit bigger so there would be four. So one of them, if there was a little one, would go there. Just cutting off there.

Teacher: Uh ha.

Student: And then this equals three. That's two and that's one. So I can put it like that. So this would be as if it was just chopped off there, at the top.

Teacher: Right. So you are just picturing that gone.

Student. Yeah.