

CECILIO DIMAS: So let's look at Movie Buster. Does Movie Buster make mathematical sense? Can we have someone raise their hand and tell us why? Erin?

STUDENT: Yes, because it's for, for the 1,2,3,4,5,6,7, 8, movies, then it's \$3 per movie.

CECILIO DIMAS: Okay. And so the pattern here is growing by what?

STUDENT: By multiples of 3.

CECILIO DIMAS: Multiples of 3. Okay. Online Flix, does this make mathematical sense? Could someone tell us why here? Chad?

STUDENT: Because it says it's 12 bucks a month, and then plus 1 dollar every rental,

CECILIO DIMAS: Okay. Does this match the plan? Does what's shown here on the table, for Online Flix, does it match the plan?

STUDENT: Yeah.

CECILIO DIMAS: Yeah. Could someone explain to us how it matches the plan? Melanie?

STUDENT: Well, the 13, they charged, for Online Flix, they charge 13 dollars, no. I'm not sure.

CECILIO DIMAS: Want some more think time?

STUDENT: Yeah.

CECILIO DIMAS: Okay. Danielle?

STUDENT: Online Flix charges 12 dollars per month for... just for being in the membership in the Online Flix, and 1 dollar per DVD, So, 12 plus 13 equals 1, and if you were to buy 1 DVD, it... yeah. It would cost...

CECILIO DIMAS: Okay. And how is Mail Flix set up? How is Mail Flix set up here? Amir?

STUDENT: Every movie, costs, uh, from what I could see over there, I see every DVD that's going up there is 18 dollar-- multiples of 18 dollars added to it. So that gives me an idea that a movie should be 18 dollars. But then, I think, how much would they, would they even charge you per month?

CECILIO DIMAS: Okay, so you have questions about...

STUDENT: Yeah.

CECILIO DIMAS: How this is represented. Jessica, I noticed that you had your hand up, earlier, too?

STUDENT: Instead of, 'cause, the rentals, it doesn't matter just, for the month. For 18 dollars for a month.

CECILIO DIMAS: Okay. So, can you explain that a little bit more in how this is set up here?

STUDENT: Um, the multiples of 18?

CECILIO DIMAS: Okay. Charles?

STUDENT: It doesn't match the plan. What's going on is, it's 18, it's 18 times 1, equals 18, 2 DVDs, that'd be plus another 18, that'd be 36, then plus 3 DVDs that'd be 54, then so on.

CECILIO DIMAS: Okay. So I'm gonna go back to the question that I posed earlier. What is the purpose of us creating these tables? Why are we creating these 3 tables? Why did Student H do this? What are we trying to find out? Kyle?

STUDENT: So you can compare the plans easily?

CECILIO DIMAS: Okay, Danielle, would you like to add to that?

STUDENT: See which plan is cheaper?

CECILIO DIMAS: Okay, so we can compare the 3 plans to find which one, when they match up, and then we're also looking to see which one's cheaper. Okay. Was Student H confused?

STUDENT: Yeah.

CECILIO DIMAS: What was, um, what do you think helped Student H get confused? What was something that Student H did or did not do, that allowed them, or led them to confusion? Talk to your shoulder partners for a brief moment. If you're a red card, I want you to go first.

STUDENT: .. and then, um, they got it confused, because it was unlimited rental. They read, they read the plan wrong.

STUDENT: Okay, so. Student H, he got confused 'cause for 1 month, Online Flix is 12 dollars, and he's saying every month he bought 1 extra movie, so for the first month he bought 1 movie, and the second month he bought 2, and so on, and that's how I think he got confused on that.

CECILIO DIMAS: Finish up your thought process, but I'd like to go ahead and start getting... hearing some of the things you're saying regarding these three tables. Melanie?

STUDENT: I think Student H got mixed up on the Mail Flix, 'cause I think he thought they charged you \$18 for each movie you rent

CECILIO DIMAS: Okay, so then, Melanie, when you looked at Mail Flix, did you use the same label that was here for the first table, of movies

and money? So you said that 1 movie would be \$18, and 2 movies would be \$36? So you're using the label of movies and money? Okay. Erin?

STUDENT: We, um, Student H thought it was made in months.

CECILIO DIMAS: So it's possible that Student H thought that this was the number of months and that was the cost after that number of months? Okay. Seneca?

STUDENT: I think that Student H got mixed up with Mail Flix, because in all the other ones you have to add another to itself, and I think that maybe he or she thought that you would add another set.

CECILIO DIMAS: Okay. So, Amir, what did you want to add to that?

STUDENT: I wanted to add, for the Movie Buster and Online Flix, something else, 'cause when you get number 5 over there, it's 15 and 16, because it goes up the same amount, and number 7 for Movie Buster, it costs more money. But if you look at Online Flix, the first, for 1 DVD costs \$13, and then 2 DVDs \$14. And then for Movie Buster, it's \$6. So I found out that if you want to, like, buy more, rent more DVDs from Movie Buster, Like 7 DVDs, it would cost more than Online Flix. But if you just wanted to rent more DVDs from Online Flix, it would cost less than Movie Busters.

CECILIO DIMAS: So you're focusing on doing some cost analysis with those two companies right there?