

TAHEEDAH WREN: Sidney's the first guess.

STUDENT: No, she's the first person that [inaudible].

TAHEEDAH WREN: Okay. Okay.

STUDENT: She invited two, which makes it three. And then --

TAHEEDAH WREN: Five, four, group -- What group are you? Group three? Group three, six inches. All right, I'm sorry.

STUDENT: And then those two guests equal --

TAHEEDAH WREN: Let me see.

STUDENT: And then those two guests invited four others.

TAHEEDAH WREN: Who are the two, who are the two guests that you're talking about that invited four? Oh, I see, and where are their guests? Oh, you put friends, nice! And labels. These are their guests?

STUDENT: Mm-hmm.

TAHEEDAH WREN: Okay, and then what happened?

STUDENT: And then, then the four guests, um, put three guests.

TAHEEDAH WREN: Where are they? Where are their three guests?

STUDENT: Right here.

TAHEEDAH WREN: One, two, three, yeah.

STUDENT: Their guests is right here.

TAHEEDAH WREN: Good, very clear. I see it. Good. And these guests? So, you have three from each?

STUDENT: Mm-hmm.

TAHEEDAH WREN: All right. So how did you come up with 35?

STUDENT: I counted them all.

TAHEEDAH WREN: You counted them, each guest to total 35? Is there another way we could have maybe come up with 35 without counting them one by one by one?

STUDENT: I don't know.

TAHEEDAH WREN: You think? Okay, first let's hear from you, Amy.

STUDENT: So, what I did --

TAHEEDAH WREN: Speak loudly. Who are the four people?

STUDENT: [inaudible]

TAHEEDAH WREN: Okay. Okay.

STUDENT: And then he invited three branches --

TAHEEDAH WREN: I see.

STUDENT: And then he invited three [inaudible].

TAHEEDAH WREN: Okay, good. Yeah, your arrows are clear, yes. And then he invited these three. So, the question asked, how many people were at Cindy's party?

STUDENT: 35.

TAHEEDAH WREN: So, 35 people at the party? You guys ready for your, um, poster? Ready to do your poster?

STUDENT: Yes.

TAHEEDAH WREN: All right, so when you do your poster, I want you to make sure you explain your thinking and follow all the steps that are on the board -- on the board as for -- as for the goals for everybody participating and show your work and show your thinking. All right?

STUDENT: Okay.

TAHEEDAH WREN: And definitely incorporate it. Good job! Love.

STUDENTS: L-O-V-E.

TAHEEDAH WREN: Raise your hand if your group has started the posters. Good job. How many have finished the poster for level A? All right. After you finish the poster for level A, raise a quiet hand and then we're going to go to level B. All right? Let's go. Good job boys and girls, though.

I wanted to see this very good work put on the poster. Okay? I can't wait to see it. Yes.

STUDENT: I finally got it.

TAHEEDAH WREN: What do you got?

STUDENT: It was confusing because it says -- Well, I automatically knew it was Cindy had a party and then she invited two guests.

TAHEEDAH WREN: Yes.

STUDENT: But then once it got here, her guests each invited four, and so my answer was 17 until, like, I got her guests each invited. So, then I had to redo it.

TAHEEDAH WREN: What helped you to understand her guests each?

STUDENT: Um, it, I like, so basically, I drew, I drew the guests --

TAHEEDAH WREN: That's the, that's the support. Drawing is very helpful. For me too, I have to draw figures or whatever so I can visualize, because I'm a visual learner too, I have to see it. And that helped you to see it. Did the group help you to go back or did you -- what made you go back to look at it again?

STUDENT: The group.

TAHEEDAH WREN: Okay, so the group is a very good support as well. But excellent job. You guys ready for your poster?

STUDENT: We already started on it.

TAHEEDAH WREN: Great, great job.

STUDENT: Cindy. That was one.

TAHEEDAH WREN: Is that -- all right, good, so your modeling helped you to understand it. So, this is Cindy?

STUDENT: This is Cindy right here.

TAHEEDAH WREN: That's Cindy, okay, sorry.

STUDENT: And then she invited two friends. These are the two friends right here.

TAHEEDAH WREN: Okay. All right, good.

STUDENT: Those two friends invited four guests. So, I drew the four guests right here, those four right here, which is eight. So, then each of those guests invited three, which is right here.

TAHEEDAH WREN: Mm.

STUDENT: And then, then I added it all up. Cindy, 1 -- that's 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 -- wait. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34. What the? I'm not 35?

TAHEEDAH WREN: Did you include this one?

STUDENT: I probably counted wrong.

TAHEEDAH WREN: Did you include this one? So this is, this is Cindy, you said?

STUDENT: Mm-hmm.

TAHEEDAH WREN: These are her two guests?

STUDENT: Yep.

TAHEEDAH WREN: And where are their guests?

STUDENT: Right here.

TAHEEDAH WREN: Each one invited how many?

STUDENT: Um, three.

TAHEEDAH WREN: Cindy's guests invited how many?

STUDENT: Four.

TAHEEDAH WREN: Four. So, there's 1, 2, 3, 4, 1, 2, 3, 4, right?

STUDENT: Yes.

TAHEEDAH WREN: And then each one of her guests, each one of them invited how many?

STUDENT: Three.

TAHEEDAH WREN: That's 1, 2, 3; 1, 2, 3; 1, 2, 3; 1, 2, 3. So you have all the guests included, so perhaps you did make a mistake in adding. So, you want to try again? Count them again and see if you come up with -- so where'd you get 35?

STUDENT: That was before when I counted.

TAHEEDAH WREN: Okay, count again. So, what were you thinking?

STUDENT: So, then she invited these two people.

TAHEEDAH WREN: Yes.

STUDENT: And then after it said that these two people invited four people.

TAHEEDAH WREN: Yes.

STUDENT: So then 1, 2, 3, 4; 1, 2, 3, 4.

TAHEEDAH WREN: Yes.

STUDENT: And then all those four people invited three people. So, 1, 2, 3; 1, 2, 3; 1, 2, 3; 1, 2, 3; 1, 2, 3; 1, 2, 3; 1, 2, 3; and 1, 2, 3.

TAHEEDAH WREN: Okay, yeah, and let's see that. And so, then what did you do?

STUDENT: So then after, I added all of them, so then I add Cindy --

TAHEEDAH WREN: Yes.

STUDENT: And 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35. So that's how I got a total of 35.

TAHEEDAH WREN: So how would you write your solution down here?

STUDENT: Like, um ...

TAHEEDAH WREN: Because they ask you, "Explain how you determine your solution." How would you write that?

STUDENT: Wait, them -- I would write that I like put like -- I would put like how I -- I would put 35 and then because, because since I counted Cindy --

TAHEEDAH WREN: Yes.

STUDENT: And then they invited two friends, so then you could just go like three, and then --

TAHEEDAH WREN: So just write down what you just explained in words. So, you might want to just use this space here, any space you like, you use the -- erase that maybe and put 35 here. And then write in that space how you -- explain how you determine your solution is beautiful pictures and very organized party members. Okay? And I like your tree concept too.

STUDENT: I have 35 again.

TAHEEDAH WREN: Okay. [laughs] So, very good.

STUDENT: Okay, so each are the guests and that's Cindy.

TAHEEDAH WREN: So, was your, your discrepancy in the counting? Did you miscount?

STUDENT: Yeah.

TAHEEDAH WREN: Okay. So, I need you guys once you write down on this paper, because I like to see your models on here too. I'd like for you to write -- explain how you determine your solution. And all your different steps that you tried, I want you to explain that too.

STUDENT: Okay.

TAHEEDAH WREN: Because that's important to see how you arrive -- how you started and then how you ended up with 35, all right? Uh, guests, 35 people at the party. All right? Thank you. Excuse me.

Yes, I gave it to him earlier. Good job, you guys. Is everybody participating?

STUDENT: Uh, Ms. Thornley came over here and said that they should start on level B and we do this.

TAHEEDAH WREN: Okay, perfect.