

TAHEEDAH WREN: Okay, good. So now we going to let you guys go to the next page where it says "party time level A." And we've done the Problem of the Month many times, so I'm going to let you guys get in your groups and -- first, let's -- let's read over it first. First let's read level A. Everyone take two minutes to read over level A.

STUDENTS: [All reading aloud]

TAHEEDAH WREN: No, quietly. Quietly. Okay, so you guys know your groups. Quietly get into your groups. Group one. [inaudible] I need you to go over there now. Because the camera's here. Group one, go over there. And everybody else get into your groups. First go to your groups. And work in the group. Make sure that everybody's on the same page.

STUDENT: They say each person invites a guest so it's just multiplying by each guest that they invite.

STUDENT: It's multiplying by two and four.

STUDENT: Yeah.

STUDENT: Yeah.

STUDENT: Let's just go back over there.

STUDENT: It's a disaster over there.

STUDENT: I know, but those two people invite four people and four people invite -- three people.

STUDENT: No. It says Cindy had a party and she invited two guests her guests each invite four guests and then those guests each invite three. So that's more than 34. Because it's including Cindy and she invited two.

STUDENT: I know, I did. I know, look, watch. 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.

STUDENT: But then that's more than 34 because she invited two guests including herself.

STUDENT: I know that's including herself. Look. 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 ...

STUDENT: ... invites four people. And then those two people she invited, they each invited four people. And then those each invite three people each. That's like 15 or 16 people at a party.

STUDENT: That's like 20-something. That's just like a lot. Because she invited two people and they each invite four guests and then those guests each invite ... So eight guests have to invite three people. Each one of the [inaudible].

STUDENT: No, but it's six because then it says, "and those each invite three guests."

STUDENT: So each one of those eight. Because four plus four is eight, so eight.

STUDENT: Invited three people. And that's what I said.

STUDENT: That's like six -- like 30 or something. That's like beyond [inaudible]. I can only invite 16 to my party. That's way beyond, I'm only inviting 16. That is, woo! And then they ...

STUDENT: She invited -- her guests each invited four guests and then those guests invited three guests. So you have to double it.

STUDENT: So she's -- Cindy invited them. They invited them. Everybody --

STUDENT: Somebody's gonna get shot at this party. Seriously. That's a lot of people. That's not a joke. Of course, someone always gets shot.

STUDENT: She invited three guests. Two plus three ...

STUDENT: 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35. 35 people in the house.

STUDENT: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 ...

STUDENT: Uh, you need to write one more of -- person here. I'm just saying like right here there's supposed to be one more person I know.

TAHEEDAH WREN: Okay, talk to Max about it then. You did what?

STUDENT: I keep getting lost.

TAHEEDAH WREN: So -- what do you think about drawing it? You think that might help?

STUDENT: Yeah, I can.

TAHEEDAH WREN: Okay, so draw it on here so we can see your thinking.

STUDENT: Draw Cindy first.

TAHEEDAH WREN: Good. Good thinking.

STUDENT: That's a lot of people at a party. Y'all figure out the answer.

STUDENT: That's 35.

TAHEEDAH WREN: You think? All right, let's see what Max comes up with.

STUDENT: Max said somebody's gonna get shot if you -- if you, uh -- if you invited 100 people off of Myspace and you didn't even know them.

TAHEEDAH WREN: All right. So how is that connected to this? All right, let's -- he said that? All right, so let's stay focused, Max. You said you'll draw it for me? So draw it for me. Okay, so read it again. Those are two friends?

STUDENT: Yeah.

TAHEEDAH WREN: Okay.

STUDENT: They invite four people.

TAHEEDAH WREN: Each one of them or all -- both of them invited?

STUDENT: Each one of them.

TAHEEDAH WREN: Can you make a connection so I can see? Oh, I see. You have a beautiful -- good.

STUDENT: Okay, what I did. I drew Cindy as herself.

TAHEEDAH WREN: Mm-hmm.

STUDENT: And then she said she invited two people.

TAHEEDAH WREN: Are you guys focused?

STUDENT: I made a plus sign that equals two people.

TAHEEDAH WREN: Okay. Good. I see.

STUDENT: And those two people each invite four people themselves. And then those people -- and those people then invite three people --

TAHEEDAH WREN: This person invited how many?

STUDENT: Four. And one other person invited --

TAHEEDAH WREN: And this person invited how many?

STUDENT: Four. So, this is eight people.

TAHEEDAH WREN: So, this is the four for this person.

STUDENT: Yeah. Four for that person.

TAHEEDAH WREN: And this is the four for this person?

STUDENT: Yeah, that equals eight.

TAHEEDAH WREN: All right.

STUDENT: Then those eight people each invited three theyself.

TAHEEDAH WREN: Okay.

STUDENT: So, that's how I got 35.

TAHEEDAH WREN: Oh, so you have eight, three groups -- eight groups of three, and they represent the people that each one of these invited? Because you have eight people here?

STUDENT: Yeah, because it says, "Cindy had a party. She invited two guests," which are those.

TAHEEDAH WREN: Yes.

STUDENT: "Her guests each invited --"

TAHEEDAH WREN: Yes.

STUDENT: "four guests." So, one, two, three, four. One, two, three, four.

TAHEEDAH WREN: Is -- Okay.

STUDENT: And then those guests each invite three guests.

TAHEEDAH WREN: Yes.

STUDENT: So, each one of those four people invites three people.

TAHEEDAH WREN: Great. Is there any way that you can label or show me what each one of these groups of people represent?

STUDENT: I know how to get them to be guests. Put "G" on it.

TAHEEDAH WREN: Good idea.

STUDENT: One, two, three, four, five, six.

TAHEEDAH WREN: Did you understand my question?

STUDENT: Um, no, not really.

TAHEEDAH WREN: Okay. So, you explained to me what each group of -- these group of people represent, but if I looked at this model, is there any way that I can look at and know who these people are?

STUDENT: No.

TAHEEDAH WREN: No other way? Well, you put -- Emma, is this Cindy? You put Cindy here. Who are these people?

STUDENT: The guests.

TAHEEDAH WREN: Whose guests?

STUDENT: The ones invited -- Cindy's guests.

TAHEEDAH WREN: Okay, so, can you label that?

STUDENT: So, "CG."

TAHEEDAH WREN: Okay, good. Good. Destiny, you starting the poster now?

STUDENT: Yes.

TAHEEDAH WREN: Okay. So, we're going to ... Make sure you include Max's input when you start the poster. How we coming, Max?

STUDENT: All good.

TAHEEDAH WREN: All right. Let me come back.

STUDENT: All right.