

AUDREY MILES: Remember your spots on the carpet, please. Yeah. Hold on. One second. Let me get my instructions first. Good morning, boys and girls!

STUDENTS: Good morning, Ms. Miles.

AUDREY MILES: Did you have a good recess?

STUDENTS: Yes.

AUDREY MILES: Okay, so you know we're going to be doing the Problem of the Month. We're going to start our new Problem of the Month. And so, yesterday what we did was, we introduced the vocabulary. Okay. So, we talked about what it means to have a party. Okay? And so, Marissa said it's when you invite your family, and Canisha said it's when you invite people over to your house. Carlos said you invite people. Amari said you invite people, three or more friends. And Kyla said it's when you have a cupcake party, a themed party. Elaina said it's when you invite your cousins. Maddie says it's when you dress up with your friends. And Astor said it's when you have fun. And Denison said it's when you have a cake and you invite your family. And Gabriel said you invite friends to go somewhere with you. So, we circled all the words, and the big word was, what? IN-VITE.

STUDENTS: Invite.

AUDREY MILES: And invite means what?

STUDENTS: Come.

AUDREY MILES: Come. Okay? So, we're going to do a party today. We're going to talk about a party today in our math problem, and we're going to remember to use our signals. Okay? And to read, we're going to use our quiet hands. Show me a quiet hand, please. And when we do a quiet hand, we do what?

STUDENTS: Raise your hand and wait to be called on.

AUDREY MILES: Okay, so are we going to have any yelling out?

STUDENTS: No.

AUDREY MILES: No. So, right now your hand is?

STUDENTS: In your lap.

AUDREY MILES: Okay, all right. So, let's just get started. So, on our party, we're going to talk about today, we're going to talk about a young lady who's having a party. And this young lady's name is Cindy. Cindy's having a party, and her mother told her that she can invite some friends. So, Cindy invites her friend, hmm, I'm going to use your name, Amari. And Amari and -- Cindy also invites, let's see, she invites Shamara. Okay. I'm just going to put that right there. Shamara.

STUDENT: Two people.

AUDREY MILES: Yeah, we have a boy and a girl. So, Cindy invites Amari -- shh, raise your hand. So, how many people do we have so far?

STUDENTS: Three.

AUDREY MILES: Three. Okay. So, now we're going to talk about each one of her friends are going to invite some guests. Each one of her friends are going to invite some guests. Okay. The number of friends that she gets to invite are three. Three. So, let's see. Amari, which friends do you want to invite?

STUDENT: Gabriel.

AUDREY MILES: You would invite Gabriel, you said. Okay, so we're going to invite Gabriel. That's one. And what other friends do you want to invite?

STUDENT: Um, Denison.

AUDREY MILES: Denison.

STUDENT: And Bree.

STUDENT: Aw, man. I knew he was going to say that.

AUDREY MILES: It's okay if he invites all boys, because that means Shamara can invite all the -
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STUDENTS: Girls.

AUDREY MILES: Okay. And you get one more. Amari. Oops. No, I did say three, didn't I? Bad teacher. Okay. All right, Shamara, you get to invite three friends.

STUDENT: I'm going to invite Elaina.

AUDREY MILES: Elaina. And who else do you want to invite?

STUDENT: I want to invite Maddie.

AUDREY MILES: You want to invite Maddie. Okay. And who else do you want to invite?

STUDENT: Marissa.

AUDREY MILES: Marissa. Okay, now.

STUDENT: You forgot me.

AUDREY MILES: No. I didn't forget you. So, now let's look at -- I want to know, how many people do I have in all at my party now? I want to know, how many people do I have in all? And -- you're not going to tell me. You're going to turn and talk. You're going to turn and talk. And you're going to talk to your partner, and I want you to come up and -- and you're going to be able to explain how you got your answer. Turn and talk. Turn and talk. Find your partner. Carlos.

STUDENT: There's four.

AUDREY MILES: There's four. Did you count them all?

STUDENT: Mm-hmm.

AUDREY MILES: Did you count them? Look and see.

STUDENT: All of them?

AUDREY MILES: Yes. Cindy, and then who else do we have?

STUDENT: [inaudible]

AUDREY MILES: Count how many there are.

STUDENT: Altogether?

AUDREY MILES: Yeah. Don't tell me. Talk to your partner. How many do you have altogether?

Three. And two. And one. Now before you tell me, and he'll have an opportunity to come when he acts right. Five, four, three, two, one. Okay. I'm going to give you some cubes, and we're going to build this. And I'm going to show you how I want you to build it. I want you to pull out the cubes and pull out the amount that we have here. So, we're going to figure out how many we have together. So, each person's going to get a set of cubes. And you may work with your partner. Maddie, I need [inaudible]. I'm going to explain in a minute, Maddie.

Okay, so how many people did I start off with?

STUDENT: Four.

AUDREY MILES: How many did I start off with?

STUDENTS: Three.

AUDREY MILES: What did I start off with, guys?

STUDENTS: Yellow.

AUDREY MILES: We started off with Cindy. Okay. And Cindy is going to invite people. Okay, so we're going to build that piece first. So, I need you to watch me. Watch me. I don't see eyes on me. One, two, three. Eyes on me. I did not say, "Play with the cubes." Start off with one. Let me see one in the air. That's all I need, is one. Thank you. Now, this was Amari and that was Shamara. Okay. So, Amari and Shamara, this is what we're going to build. Shamara and Amari. So, you're going to match me. Watch. One. And how many am I going to add?

STUDENTS: Two.

AUDREY MILES: Okay, so I'm going to add that. So, I need to see you to build this -- without talking, please. And when you have it, hold it up. And don't show me talking. When you have it,

show me with your thumbs up. Dominic. Ms. Thornley, you can help Dominic. Dominic, do you see me? Let me see. I can see that you did it. Just show me. We're waiting -- we're still waiting on a couple of people. Shh. I can't start until I see everyone's ready. Okay. Next. Let me see. We're waiting on one more person. Amari, you didn't get cubes? Okay. All right. Next, how many people did I add here?

STUDENTS: Three.

AUDREY MILES: Three. So, here's one, two -- Okay, so, so far, how many do I have here? Let's go back here. How many do I have here? How many are here?

STUDENTS: Three.

AUDREY MILES: So, now Cindy invited Amari, and Amari -- and she also invited Shamara. So, now there are three people at my party. Three people at my party. So, now Amari's going to invite his three people. So, we're going to add the three people to Amari's side. So, I need you to model -- I'm going to show you. How many people am I going to add to Amari's side, everybody?

STUDENTS: Three.

AUDREY MILES: How many?

STUDENTS: Three.

AUDREY MILES: So, I need you to add three people, three persons, to Amari's side. It'd be nice if I put the cubes together, Ms. Miles. Watch me. Shh. Take the three and connect. Amari is going to invite three people. So, add three. Connect the three together, and then connect them. Let me see you model this. How many am I adding to this side? Three.

STUDENT: Aw, man.

AUDREY MILES: Just keep trying. When you're ready, hold it up and show me your thumbs up. Good job. Okay. So, can we count how many we have now? Let's -- shh. Let's see. We're still waiting on Shannon. Did you add three? You added three. You did. You didn't add it to the one side? Give me one more. Now hold onto it. Shh. Canisha, I need you to add that the way I asked you to add it, please. Look at mine. Make sure it looks like mine.

STUDENT: Like this?

SPEAKER: Ms. Miles, who's that -- who's that fun piece sticking out the side there?

AUDREY MILES: Mm-hmm. That's Cindy. Cindy.

SPEAKER: That's Cindy sticking out.

AUDREY MILES: Nope. Actually, Cindy -- I'm sorry. Go back, Ms. Miles. This is Cindy. This is Amari, and this is Shamara. Does Shamara have guests yet? Have I added Shamara's guests yet?

STUDENTS: No.

AUDREY MILES: No. So, this is Shamara over here. Thank you. Okay. Does everybody have Shamara sticking out over here by herself?

Okay, so let's count how many we have now. Let's start at the top. Ready. I need you -- I need you back with me. Ready. Shamara, we're not doing that. Ready. Get ready to count. Go.

One, two, three, four, five, six. How many do we have -- how many guests do we have now?

STUDENTS: Six.

AUDREY MILES: Six. So, with Amari and his guests, there are six. Okay. Now, let's add Shamara's guests. How many guests did Shamara have?

STUDENTS: Three.

AUDREY MILES: Three. Okay. So, go ahead and add three to Shamara's side. This is where -- You're going to add it right here. This is right here. So, I'm going to add three.

STUDENT: No.

AUDREY MILES: So, now I look like this. Let me see you model that.

STUDENTS: How do you do it?

AUDREY MILES: Add three.

STUDENT: [Inaudible]

AUDREY MILES: Give me three. Let me see. Add three. Add three. Add three. Put it up here. Two more. Okay, now turn --

SPEAKER: How many do I have there?

AUDREY MILES: Hello. The last one on there. Okay, now you get the opportunity to turn and talk to your partner. Five, four, three, two, one. I need you to turn, talk to your partner, and see if yours looks like your partners. Turn and talk to your partner. I need you to work with your partner. Astaire is your partner. Come on. I knew you and --

STUDENT: [Inaudible]

AUDREY MILES: Did you add -- How many do you have? Does yours look like mine? Does yours look like mine? It looks like you have to ... Do you have the same amount I have or you have more or less?

STUDENT: Less.

AUDREY MILES: You have -- Do I have more, or do you have more?

STUDENT: More.

AUDREY MILES: Okay, so is yours correct?

STUDENT: Yes.

AUDREY MILES: Okay, then you need to fix it. Okay, look at yours --

SPEAKER: Why don't you just take a minute and count how many blocks you have. What -- no matter how well they're organized right now --

AUDREY MILES: I need you to compare with your partner.

SPEAKER: How many blocks do you have compared to your partner?

AUDREY MILES: Compare it with your partner. Very good, Maddie. Mm-hmm. Five, four, three, two, and one. Come back. Come back. Come back. Okay, I need you to put your cubes in your ... Before -- for this last piece I'm going to do, let's count how many we should have before we start. Five, four, three, two, one. I need you. Show me you're ready. Let's go. Let's count how many we should have. And I need you to match me if yours doesn't match. Ready? Go. One ...

STUDENTS: Two, three, four, five, six, seven, eight, nine.

AUDREY MILES: So, how many guests are there altogether at the party?

STUDENTS: Nine.

AUDREY MILES: Let's see if that matches what we have here. Let's count. Go. Ready? Go. One ...

STUDENTS: Two, three, four, five, six, seven, eight, nine.

AUDREY MILES: Okay, this is our first day, so we're going to do this a whole bunch of times until we get it perfect.