

00:14:02 Leslie Fehr: Greetings from sunny Southern California!  
00:14:03 Trena Wilkerson: Hello from Waco, TX  
00:14:29 Kevin Dykema: Hi Carol- nice to see you!  
00:14:29 Shelly Thorpe: Good evening, Everyone. Greetings from Maryland!  
00:14:30 Karishma Prakash: Hello, I'm from Bangalore, India  
00:14:31 Carol Matsumoto: Hi from Winnipeg  
00:14:39 Kevin Dykema: Hi from Mattawan, MI  
00:14:44 Shamon Collins: Virginia  
00:14:49 Ken Krehbiel: Hello Everyone, from Washington, D.C.  
00:14:51 Margaret Dreier: Hello from NY -- the Hudson River Valley  
00:14:52 Tamala Miller: Hello from Memphis, TN  
00:14:55 Tran Trang: Hello, I am from Nashua, NH  
00:14:58 Elizabeth Beckett: Hello from Ohio  
00:14:59 Norma Borenstein Gordon: Brookline MA  
00:14:59 Chester Cuenca: Hi, I'm Chester from the Philippines  
00:15:03 Kynna Lee: Hello! Turlock CA  
00:15:03 Michele Ginn: Good evening I am from New Jersey  
00:15:09 Carol Matsumoto: Hi Kevin  
00:15:17 Trina Ford: Hello from Denver!  
00:15:22 Jennifer Shammass: jen from MA  
00:15:23 Naureen Safavi: Hello from Orlando, FL!  
00:15:29 Carol Matsumoto: Hi Ken  
00:15:29 Daniel Irving: Hello from North Providence, RI!  
00:15:36 Marie Van Der Horn: Jersey City, NJ  
00:15:36 Daniel Irving: Hi Carol!  
00:15:40 Carol Matsumoto: Hi Daniel  
00:16:18 Trena Wilkerson: So great to have everyone here! Looking forward to it!  
00:16:32 Daniel Irving: Hi Trena!  
00:16:33 Carol Matsumoto: Hi Trena  
00:16:50 Trena Wilkerson: HI Carol!  
00:17:00 Trena Wilkerson: Hi Daniel!  
00:17:22 Latrenda Knighten: Greetings from Baton Rouge, LA!  
00:17:28 Leslie Fehr: The other two sessions were FANTASTIC! Definitely worth a watch if you haven't had a chance to see them yet  
00:17:35 Trena Wilkerson: Be sure to go back and watch the other two! They were great!  
00:17:45 Carol Matsumoto: Hi Latrenda  
00:18:02 Trena Wilkerson: Hi Latrenda! How is Baton Rouge?  
00:18:08 Leslie Fehr: "Cheryl has extensive experience" = understatement of the year :) Cheryl is beyond amazing!  
00:18:58 Latrenda Knighten: Hi Trena - Baton Rouge is fine, just a bit hot!  
00:19:26 Trena Wilkerson: Great @Latrenda!  
00:19:28 Dewey Gottlieb: Feedback  
00:19:29 Daisy Orellana: Check-in  
00:19:32 Naureen Safavi: On-the-go  
00:19:34 Kevin Dykema: feedback  
00:19:35 Chester Cuenca: progress of learning  
00:19:36 Trena Wilkerson: Formative-in progress learning

00:19:38 Kevin Dykema: guiding instruction

00:19:41 Trina Ford: Quick feedback, informs instruction

00:19:43 Angie Callaghan: Feedback

00:19:44 Francesca Pellegrini: Student understanding

00:19:44 Tamala Miller: Check for Understanding

00:19:46 Kay Charles: Information gathering

00:19:49 Nicole Rigelman: Assessment as learning... blurred lines  
between Instruction and ASsessment

00:19:50 Norma Borenstein Gordon: Informing learning and teaching

00:24:05 Chester Cuenca: a, b

00:24:08 Angie Callaghan: solution f

00:24:09 Tamala Miller: a

00:24:11 Tran Trang: a

00:24:11 Francesca Pellegrini: F, the student could misunderstand what is  
the divisor/dividend

00:24:12 Leslie Fehr: a and b

00:24:16 Nicole Rigelman: A, because you have 54 and 9 are pulled out  
for a bag

00:24:25 Tamala Miller: f

00:24:27 Kay Charles: A and f

00:24:31 Justine Pucia: A,b,f

00:24:48 Selma Mekias: f

00:28:00 Emily Kavanagh: Columbia, MD

00:28:07 Emily Kavanagh: A

00:28:08 Kevin Dykema: slow reveals are such a powerful tool for students

00:28:10 Francesca Pellegrini: Haven't heard of it before!

00:28:15 Norma Borenstein Gordon: I certainly do and have the  
privilege of working with Jenna Laib!

00:28:46 Angie Callaghan: The each for what is in each group.

00:28:50 Norma Borenstein Gordon: Cute kitten faces?

00:30:29 Angie Callaghan: How many in each group can be determined  
now.

00:30:29 Tamala Miller: 4 apples in each bag

00:30:30 Chester Cuenca: the group size

00:30:33 Daisy Orellana: The total number

00:30:37 Rachel Watson: We know the number of groups and the total number.  
We can use them to find the group size

00:30:52 Angie Callaghan:  $32/8 = 4$

00:31:20 Angie Callaghan: 8 groups x 4 apples in each is 32 apples in  
all.

00:35:07 Kelli McGuire: will a copy of the slides be sent after the webinar?  
or a copy of the chart?

00:35:59 Trena Wilkerson: @Kelli They will be available with the  
recording tomorrow as I understand it. :-)

00:36:20 Chonda Long: I will check with speaker to make sure she is  
providing a copy of her slides with the recording.

00:37:34 Trena Wilkerson: Thank you! @Cheryl!

00:38:18 Kay Charles: b

00:38:22 Joanna Smith: b.

00:38:22 Margaret Dreier: 21 because about  $15/5 = 21/\text{about } 7$

00:38:56 Kay Charles: Incorrect choice maybe 18 using addition  
00:39:05 Nicole Rigelman: a misconception would be (a) a student using  
additive reasoning  
00:39:11 Margaret Dreier: Someone might say 18 because  $15-4=11$  and  
 $18-7=11$   
00:40:41 Angie Callaghan: I love Pam Harris' As close as it gets.  
00:42:24 Rachel Watson: Dollar bill in the bottom left  
00:42:30 Rachel Watson: 20 dollar bill in the bottom right  
00:42:32 Francesca Pellegrini: I notice there is money hiding below the  
stickies!  
00:42:34 Angie Callaghan: I wonder how mcu 1 shirt costs  
00:42:35 April Ackerman: dollar bill  
00:42:39 Rachel Watson: Proportion in terms of price?  
00:42:41 Tamala Miller: The other t shirt seems to be igger  
00:42:44 Naureen Safavi: Proportional relationship  
00:42:47 Francesca Pellegrini: One shirt is less expensive than multiple?  
00:42:49 Kay Charles: Cost of shirts  
00:42:51 Rachel Watson: The number of shirts! 20 shirts will be \$20?  
00:42:55 Justine Pucia: Trying to see how much each shirt is worth  
00:43:00 April Ackerman: money? How much does the shirt cost? small shirt  
less money, bigger shirt costs more money.  
00:43:06 Chester Cuenca: One shirt has a price, what would be the total price  
if there are x number of shirts  
00:44:15 Angie Callaghan: If 1 shirt costs \$16 then 15 shirts cost?  
00:51:28 Trena Wilkerson: Love Clothes line math!! POfewful!  
00:51:37 Elizabeth Beckett: Yep - have done this many times!  
00:51:37 Angie Callaghan: I have with fractions  
00:51:39 Trena Wilkerson: okay--Powerful! 😊  
00:52:00 Margaret Dreier: Yes clothesline math is great! Agree  
especially good with fractions.  
00:52:48 Angie Callaghan: I love Building Thinking Classrooms.  
00:53:00 Shelly Thorpe: yes  
00:53:07 Leslie Fehr: love the notes to future selves as a consolidation  
activity!  
00:53:11 Angie Callaghan: My students use Flipgrid and record their  
notes to their future reflective self  
00:53:53 April Ackerman: what's flipgrid? We just use a regular notebook.  
00:55:02 Chonda Long: This is Flipgrid - <https://info.flipgrid.com/>  
00:55:08 April Ackerman: Thank you!  
00:57:13 Angie Callaghan: The students need to own their learning by  
reflecting on what they have learned.  
01:00:34 Leslie Fehr: and not just addressing it in the moment but  
creating a safe space to address it based on their responses!  
01:05:15 Angie Callaghan: I just asked my kindergarten daughter and  
she said 2  
01:05:56 April Ackerman: I agree. Every student deserves respect. I would  
like each student to feel comfortable enough to try to answer the question.  
01:07:39 Angie Callaghan: I had that difficulty and we started  
thinking classrooms and we always say making mistakes is part of learning and all  
the students will share with each other now.

01:07:55 Tamala Miller: 50%

01:08:05 Jennifer Shammass: 20%

01:08:05 Leslie Fehr: 45%

01:08:10 Angie Callaghan: 65%

01:08:12 Elizabeth Beckett: 45% .... answer C

01:08:16 Kay Charles: About 25%. They probably chose A

01:08:17 Karishma Prakash: 30%

01:08:19 Tran Trang: less than 50%

01:10:32 Cheryl Tobey: <https://padlet.com/MathProbes/NCTMspring2022>

01:10:49 Tran Trang: thank you

01:11:02 Carol Matsumoto: Thanks Cheryl.

01:11:05 Elizabeth Beckett: thank you!

01:11:11 Trena Wilkerson: Thank you for the routines and probes! So important to give students opportunities to share their thinking and for us as teachers to 'listen' and learn from them also as they learn from each other.

01:11:16 Latrenda Knighten: Thanks a bunch!

01:11:25 Michele Ginn: Thank you!

01:11:44 Rachel Watson: Thank you!

01:11:46 Trina Ford: Thank you!

01:11:50 Kevin Dykema: Thanks, Cheryl, for leading our thinking and learning tonight!

01:11:51 Kay Charles: Thank you so much! Well worth the hour - which flew by.

01:11:59 Justine Pucia: Thank you!

01:12:10 Jill Moore: Thank you! Great ideas I am planning to take back to my teachers!

01:12:11 Angie Callaghan: Thank you, this was great.

01:12:16 April Ackerman: Thank you.

01:12:17 Leslie Fehr: Such a wonderful padlet! Thank you Cheryl!

01:12:22 Norma Borenstein Gordon: Thank you - still thinking about that last example - getting to "2"

01:12:28 Joanna Smith: Thank you!

01:12:29 Sittie Ainah Basher: Thank you ♡

01:12:30 Jennifer Shammass: thank you!!

01:12:33 Rosalyn Bantay: thank you very much...

01:12:36 Dewey Gottlieb: Thanks Cheryl! Great seeing you and learning from you again!

01:12:38 DeAndre McCamey: Thank you!!

01:12:47 Nicole Rigelman: Thank you Cheryl!

01:12:49 Margaret Dreier: Thank you for the great ideas.

01:13:04 Rena Stallworth: Awesome!

01:13:28 Yvette Dillingham: Thanks!!!

01:13:51 Trena Wilkerson: I think it empowers students.

01:13:53 Shelly Thorpe: Very instructive. Thank you very much.

01:13:55 Naureen Safavi: Thank you!!

01:14:01 Stephanie Pacanza: I would love to know more about using tangles or mixups...I love the idea of solving together and building that risk taking in students and permission to make mistakes, but are there some students who see the mix ups and then apply that same mistake to their problems?

01:14:05 Chester Cuenca: Thanks! Dealing with misconceptions could make them

realize that struggle is essential in math, they will make mistakes and that's okay  
01:14:05 Karishma Prakash: Thank you!! So many ideas to think and  
reflect upon

01:14:07 Yvette Dillingham: Great information!

01:16:39 Leslie Fehr: This series would be great to use in meetings with a  
PLC -so many good things to discuss or try implementing!

01:16:48 Rena Stallworth: Thank you!

01:16:53 Shamon Collins: Thank you

01:16:54 Dewey Gottlieb: Thanks Chonda!