

00:21:05 Trena Wilkerson: Hello from Waco, TX!
00:21:19 Linda Koval: Hello from Bealeton, VA!
00:21:24 Chonda Long: Hello from Springfield, VA
00:21:30 Diane Anderson: Hi from Massachusetts
00:21:35 Dawn Furstenberg: Hi from Portland Oregon - 9th Session :)
00:21:36 Anchala Sobrin: Hello from NY.
00:21:37 Tanya Landry: Hi from Baton Rouge, 40+
00:21:37 Laura Archer: Hello from Monterey CA
00:21:37 Toni Galassini: HI from Chicago! In the 50s
00:21:37 Cindy Bryant: Welcome to day 77!
00:21:37 Shashidhar Belbase: Hello from the UAE !
00:21:39 Jaclyn Murray: Hello from Atlanta, GA
00:21:39 Phyllis Poston: Hello from Tennessee. 20 sessions
00:21:41 Denise Talbott: Hello! Council Bluffs, IA
00:21:41 Lesly Brown: Hello from Tennessee!
00:21:46 Emily Kavanagh: Hi from Columbia, MD
00:21:47 Maria Padiernos: Hello from Michigan, DEETroit
00:21:47 Marissa Heitman: hello from Everett WA. I have been to 31
sessions
00:21:48 Sharon Black-MacKinnon: Hello from NBCanada. This is my 77th
presentation.
00:21:48 Todd Smallcanyon: Southern Utah 30+
00:21:49 Robert Berry: Robert Charlottesville, VA
00:21:49 Kathleen McFadden: Hi from Queens NY
00:21:49 Jeanetta Glass: Hello from Memphis, TN!
00:21:49 Laura Cleveland: Hi from Maryland. I have been to many
webinars!
00:21:49 Anne FEDERWISCH: Hi, from San Jose, CA
00:21:50 Nicole Krysa: Hello from Madison, NJ!
00:21:50 Myrna Cabrerros: Hi I'm from Maryland
00:21:51 Vanessa Stokes: hello from chicago!
00:21:51 CINDA HOLLAND: Berea, KY! Day 5!
00:21:51 Michael Gougis: Hello from Chicago
00:21:51 Rosalind Brown: Bronx, NY 9
00:21:51 Emerlina Binuya: Hello! I'm Emerlina from Petersburg, VA
00:21:51 Helene Alalouf: Hi, from NYC, average 3/week all along, and am
grateful for all the learning!
00:21:52 roya basu: Hi from NJ
00:21:52 SYBIL EGGLESTON: Hello from Dallas, TX!
00:21:52 Denise Talbott: 1st session
00:21:54 Carol Matsumoto: Hi from Winnipeg
00:21:54 keryn naso: hi my name is Keri
00:21:56 Caitlin Gregory: Hello from middle TN
00:21:56 Laurie Harrell: hello from Harpers Ferry, WV
00:21:57 Marcia Balkin: Hello from Rockville, Maryland, 8 sessions
00:21:58 Jessica Harris: Hello from Allentown, PA
00:21:59 Caren Rawlins: chicago
00:22:00 Nadine Richards-Ramsey: Hi from Glen Burnie, MD. About 20 sessions
00:22:02 Mark Fili: Good Evening from NYC. More than 40 sessions!!!
00:22:02 Janet Bernard: Florida, 12 session

00:22:02 Pamela Redd-Crowell: Richmond VA
 00:22:03 Victoria Gradel: Hello from PA. #13
 00:22:04 Lawanda Mahomes: Hi everyone! Chicago, Illinois
 00:22:05 Peta-Gaye Benjamin: North Carolina 11
 00:22:05 Skip Fennell: Hi from Westminster, MD. Attended at least 50
 00:22:05 Jonathan Marcovitz: Greetings from Fort Lauderdale
 00:22:06 Vicente Lopez: Chicago, 6
 00:22:07 Rita Shamrock: Rita from Senoia, GA
 00:22:07 LANY JAMERO: good morning from philippines
 00:22:08 keryn naso: I'm from Long Island
 00:22:08 Vicki Bullock: Hello from Washington, DC
 00:22:09 Tynica Lewis: Hello from South Korea #4
 00:22:10 kim bolf: Duluth MN 16
 00:22:12 Bridgette Hill-Smith: From Suffolk Virginia
 00:22:12 Simon Terrell: Simon from Santa Rosa, Ca 25 ish
 00:22:13 Wendy Iacobucci: Hello from Eastlake, Ohio
 00:22:13 Melissa McDaniel: Hello everyone from Sandgap Ky
 00:22:13 Dana Whetstone: Hi from central CA.
 00:22:13 Martisha Dunn: Hello Richmond Virginia
 00:22:14 Michele Moore: Hello from New Haven, CT!
 00:22:14 Karen Bethel: Good Evening from Roanoke, VA
 00:22:15 John Cardone: Long Island NY
 00:22:16 jill brown: australia
 00:22:17 Lisa Sheers: Hello from Pennsylvania- 5 sessions
 00:22:17 Mary simmons-chatmon: Hello from South Carolina
 00:22:17 Tina Hill: Howdy! from northeast TN
 00:22:18 Jerra Wood: Hi from Northern Kentucky
 00:22:19 jeanine colwell: hello from Newport NC I have been to well
 over 40 webinars
 00:22:19 Donna Misciagna: Hello from Tucson, AZ
 00:22:20 Teri Neufeld=Griffin: Oregon. 11 sessions
 00:22:20 Jenna Schmidtman: Hello from Bothell, WA
 00:22:21 Laurie Walker: Hi from MA, my 24th session
 00:22:24 Linda Koval: Today is my 20th session!
 00:22:24 Nicolette Nalu: WOO HOO! The time has come! K-5 Math Specialist
 from ALABAMA and president of AMTEA! Attended about 40 sessions?
 00:22:25 Jill Barber: Nashville
 00:22:26 Kendra Edwards: Hi from Brooklyn, NY
 00:22:26 Margaret Blankinship: Hi from SE Michigan
 00:22:26 Ma. Lorena Aloquina: goodmorning from the Philippines!
 00:22:27 Catherine Cook: Hello from San Francisco, I've attended 24 sessions
 00:22:27 Erin Unruh: hello from Pensacola, FL 6
 00:22:29 Patricia Johnston: Hello from Laurel, Md. I've attended
 approx. 30 sessions.
 00:22:34 Kathryn Del Prete: Hi from Long Beach, NY!! This is number 13
 for me
 00:22:34 Charleta White-Fletcher: Rocky Mount NC
 00:22:36 Galaxy J2 Core: Hello from Philippines.
 00:22:36 Kristen Perrine: Hello from NJ
 00:22:37 Jessica Harris: Hello from Allentown, PA

00:22:38 LF W: Hi from Singapore
00:22:40 Cheryl Akers: Hello from Columbia, MD
00:22:41 Dewey Gottlieb: Aloha from Hawaii!
00:22:41 Cynthia Thompson: Hi from Santa Rosa County Florida! Cindy
Thompson
00:22:42 Georgina Coffin: Hello from Fircrest, Washington
00:22:43 Nell Thurlow: Hi from Louisiana
00:22:44 Justin Klinger: Hello from Romeoville IL
00:22:46 Rochelle Lake: This is the 2nd class I attended and I watched 1
recorded. I am from Utah
00:22:47 Jorge Veloso: Hello from Angola.
00:22:48 Lance Brauchla: Hello from IN 29
00:22:48 Jacqueline Colbourne: Hello from Temple Hills Md
00:22:49 Kay Wohlhuter: Hello from Duluth, MN
00:22:50 Daniel Irving: Hello from North Providence, RI!
00:22:54 Dave Hankin: Hello from Globe, AZ - my 55th since April 15th.
00:22:55 Debra Cowan: Hello from Mastic Beach, NY this is my 16th session
00:23:00 David Barnes: Hello from Lansdowne, VA
00:23:00 Rebekah Flanagan: Hi from Moscow, Penna
00:23:01 Ramona Hall: Hi from Charlotte, NC
00:23:02 Melissa Campbell: Hello from Fort Payne, AL
00:23:04 Chimire Owsley: Hello from Washington, DC
00:23:08 William Driscoll: hi from San Francisco!
00:23:11 dana dulzo: hello from dana novi mi 62 sessions
00:23:12 Emily Kavanagh: I lost count
00:23:13 Jet Yeung: Hello Everyone--Jet from Henderson, Nevada--lost
count
00:23:13 Ma. Lorena Aloquina: 21 sessions
00:23:21 Gloria BrownBrooks: Hollister Ca (12)?
00:23:22 Lorie Huff: Hello from Fayetteville, Arkansas
00:23:23 Laurie Kurzen: KS
00:23:25 Lance Brauchla: Really appreciate the videos also!
00:23:28 Prudence Krasofski: vermont
00:23:29 LeAnna Deveaux-Miller: GOOD EVENING , From New Providence, THE
BAHAMAS
00:23:33 Patricia Daugherty: Hello from San Francisco, CA... Many
sessions...thank you
00:23:36 Denika Gum: Hi from VA!
00:23:37 Gabrielle Bertrand: Hi from Kittery Maine!
00:23:38 Linda Gann: Hi, from TX. Session #6
00:23:38 Natasha Gambarov: Hello from MA
00:23:38 Ana Cristina Sanz Gomez: hi from Fort Worth, Texas
00:23:39 Abdul Razak Othman: Hi from Malaysia
00:23:39 Randolph Chapman: Hi from NYC
00:23:40 Jada Pearson: Hello from Oregon!
00:23:40 Steven Montoya: PHOENIX ARIZONA
00:23:43 Clare Harrington: Hi from Maine
00:23:44 Aisha Sharrieff: Good evening from Chicago
00:23:45 Caroline Che Nee Foy: ok
00:23:45 Bryan Bagala: Hi from Westchester, NY

00:23:46 Marcie Schuler: Hello from STL!
00:23:46 Britney Anthony: Hi from Illinois!
00:23:48 Barbara Post: Barbara Post from Orange, CA
00:23:49 Susan Hillman: Hi from Michigan!
00:23:49 Susan Danskin: Hi from Ithaca NY 25+ days for me
00:23:50 Kathleen Morris: Good evening from northern Virginia...lost
count of webinars!
00:23:50 sandra Valentin: Maryland, #2
00:23:50 Allison Miller: Good Evening from West Virginia!
00:23:50 BRYANT GOREE: Hi from Tulsa
00:23:52 Haley Wright: Hi from Birmingham, Alabama
00:23:53 Rachel Ockner: Greetings from Denver!
00:23:56 Charlotte Woleslagle: West Virginia
00:23:58 shailja verma: hello
00:24:00 Erica Dieden: Hello from Illinois
00:24:00 Sucheta Shetty: Hello Overland Park, KS
00:24:02 Jolanta Sobolewska: Hello from Staten Island, NY (8th session)
00:24:03 Angie Augustyn: Angie from Lexington SC 1st session :-)
00:24:06 Lisa Lambuth: Hi from Los Angeles, CA
00:24:08 Rhonda Slater: Hello from Maryland :)
00:24:08 Eduardo Enjambre: Hello from Upper Marlboro, Maryland.
00:24:08 Christine Yokoyama: Hello from California
00:24:09 Jaclyn Duronio: Hello from Biddeford, Maine
00:24:09 Cherish Alberts: Hi from Virginia!
00:24:10 Sharon Dawkins: good night Sharon from Brooklyn NY
00:24:10 Kimberly Cordell: From Alexandria, VA
00:24:11 Carol Tilley: Butler, MO
00:24:14 Julie Mainwaring: Hello from Portland, Oregon
00:24:14 Lisa Laiso: NY
00:24:16 Renee Pagano-Hein: New Jersey
00:24:21 Nicolette Nalu: WOO HOO! The time has come! K-5 Math Specialist
from ALABAMA and president of AMTEA! Attended about 40 sessions? Proud member of
NCTM, NCSM, and TODOS!!
00:24:22 Olga Kosheleva: Hello from El Paso, TX
00:24:26 Cindy Bryant: Hi Carol from Butler, MO
00:24:35 Beverly Turner: Hello from N.J.
00:24:37 Stephanie Skelton: Electra, Tx
00:24:39 Kristi Foggo: Hello! This is Kristi from Bermuda
00:24:39 Kristie Chandler: Hello from VA!
00:24:42 MaryJo Swann: Hi from Kansas!
00:24:42 Michelle Hall: Hello from Philadelphia, PA
00:24:45 Jamie Rossi: NY
00:24:46 Melissa Campbell: @Nic-We've been to way more than 40!
00:24:51 Reed Fraser: Hello from Rhode Island
00:24:52 Rachell Scott: Hello from Maryland!
00:24:53 Aya Zvaigzne: Nashville, TN represents
00:24:54 Comfort Akwaji-Anderson: Hello! Comfort from Iowa City, IA
00:24:55 JIJI JOHN: Southern California
00:24:57 Rhonda Perkins: Hello from Hampton Virginia
00:24:57 Thy Dinh: Hi from San Diego, CA. This is probably my 50th

session

00:25:00 Kathy Rubendall: hello from Hoboken nj
00:25:02 Dave Hankin: Michelle - Let's go Flyers!
00:25:03 Jo Ann Luhtala: From Jo Ann Luhtala Hello from Duluth, MN
00:25:04 Andrea Ogden: Hello from Falls Church, Virginia
00:25:06 courtney dickerson: Hello from Charlotte NC
00:25:06 Nicolette Nalu: @Mel C... I lost count. This is day 77.. how many
have we attended? Haha
00:25:07 Aura Fortaleza: Hi From Charles County, MD
00:25:12 shailja verma: Shailja from DC
00:25:13 Mary France Imperial: Hello from Philippines
00:25:13 sandra bagadiong: blessed morning! watching from the
philippines!
00:25:17 LeAnna Deveaux-Miller: Hello, From THE BAHAMAS
00:25:18 De Zhang: Greetings from Minneapolis, MN
00:25:20 Menchie Besa: Hello from Jacksonville, FL
00:25:27 Melonie Smith: Hello from Chicago
00:25:34 Mary Rose Portugal: Hello from Manila!
00:25:38 Cindy Bryant: Good morning Rogelio!
00:25:43 Nancy Cooper: Hi from Portland, Maine!
00:25:44 Madeline Quinn: Hello from Arizona!
00:25:52 Rebecca Zlotnik: Hello from New Jersey.
00:26:00 Michael Adkins: Hi from San Francisco!
00:26:02 Monica Byron: Hello from Minnesota!
00:26:09 Michelle Massie: Hello from Plymouth, Ma.
00:26:15 Stephenia Courtney: Hello from Las Vegas
00:26:19 Andréa Chew: Hello from Spotsylvania, VA
00:26:23 Tamia Welch: Hi Nancy Cooper from Topsham, Maine
00:26:24 Debbie Waggoner: hello from Lexington, Ky
00:26:28 Alison Harper: Hello from Lithonia, GA
00:26:33 David Barnes: Here is the link to the handout for tonight's

session -

https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/Aug13WebinarHandoutpdf.pdf

00:26:39 Chonda Long: Here is the link to the handout for tonight's
session -

https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/Aug13WebinarHandoutpdf.pdf

00:26:39 Faith Peddie: Here is the link to the handout for tonight's
session -

https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/Aug13WebinarHandoutpdf.pdf

00:26:53 Nora Jarvis: Weird to see so many Maine folks! I live in
Portland, teach in Auburn

00:27:01 Christine Parris: Hello to everyone from Maryland

00:27:15 Laura Archer: already a week in with students!

00:27:16 Michael Farina: hi from ny

00:27:18 Tamia Welch: I teach in Wiscasset. Small world!

00:27:28 Cindy Bryant: Great Book!

00:27:30 Denise Walston: Hi from Chesapeake, Va
00:27:31 Nicolette Nalu: AMAZING BOOK!!
00:27:32 Andrea Ogden: Yay! I have it right next to me. :)
00:27:38 Walter Shaner: Hello from Auckland, New Zealand!
00:27:42 Julie Hutchinson: Hi from NJ
00:27:47 Judy Radigan: HI from Maine!
00:27:53 Jeff Shih: hi from las vegas!
00:27:58 Tynica Lewis: Name of the book again??
00:28:01 Ray Mark Cariquez: Hi from AZ!
00:28:06 Scott Ing: hello from LA, CA
00:28:09 George Roy: Hi from Columbia SC
00:28:26 Laura Archer: Everything You Need for Math. Coaching
00:28:26 Nicolette Nalu:
https://www.amazon.com/Everything-Need-Mathematics-Coaching-Instructional/dp/1544316984/ref=sr_1_1?dchild=1&keywords=mathematics+coaching&qid=1597359856&sr=8-1 You'll thank me later! The best book for math coaching resources and so much more!!
00:28:47 Tynica Lewis: THanks!!

00:28:51 Trena Wilkerson: Remember to change your chat box to all panelists and attendees. :-)
00:29:25 Pamela Redd-Crowell: can't open handout link
00:29:31 Carol Matsumoto: @Comfort Hi from Winnipeg
00:29:54 Trena Wilkerson: Can you copy and paste Pamela?
00:29:54 Ramona Hall: I like that idea!
00:29:58 Mohamed T: Greetings from Mohamed, CT!
00:30:20 Chonda Long: Here is the link to the handout for tonight's session -
https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/Aug13WebinarHandoutpdf.pdf
00:30:33 Rachell Scott: Yes, I like the plural forms.
00:30:34 Lorie Huff: Great tip!
00:31:16 Trena Wilkerson:
<https://www.nctm.org/Store/Products/Everything-You-Need-for-Mathematics-Coaching--Tools,-Plans,-and-a-Process-that-Works-for-An-Instructional-Leader,-Grades-K-12/>
00:31:38 Trena Wilkerson: Opening up thinking is key!
00:32:32 Nicole Walden:
<https://us.corwin.com/en-us/nam/everything-you-need-for-mathematics-coaching/book259407>
00:34:00 Jorge Veloso: ELLs?
00:34:09 Natasha Gambarov: English Language Learners
00:34:19 Jorge Veloso: Thanks
00:35:33 Angela Wilson: Good Afternoon from Angie in AZ
00:36:08 Laura Kueffner: Hello from Michigan
00:36:45 Pamela Redd-Crowell: I was able to copy and paste, thank you
00:37:07 Trena Wilkerson: Remember to change from panelists to all panelists and attendees. :-) That way all see your great thoughts and ideas!
00:37:10 MICHAEL KAROLEWICZ: Hey, Michigan, from across the lake in Milwaukee!
00:37:36 Katherine Prammer: What is the handout url?
00:37:55 Trena Wilkerson:

https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/Aug13WebinarHandoutpdf.pdf

00:37:58 Chonda Long: Here is the link to the handout for tonight's session -

https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/Aug13WebinarHandoutpdf.pdf

00:39:33 Jennifer Bay Williams: Thanks, Li Li - it is harder to give time on webinars ;))

00:39:33 Cindy Bryant: Please set your chat to "All panelists and attendees" so everyone can see your chat posts.

00:39:46 Allison Miller: What was the name of this reading strategy?

00:39:55 Cynthia Blanchard: I just want to know what presentation software you are using!

00:40:13 Nicolette Nalu: I think she said Focused Reading

00:40:24 Jennifer Bay Williams: Yes, Focused Reading

00:41:12 Chonda Long: Here is a link to the book that was referenced -

<https://www.nctm.org/Store/Products/Everything-You-Need-for-Mathematics-Coaching--Tools,-Plans,-and-a-Process-that-Works-for-An-Instructional-Leader,-Grades-K-12/>

00:42:12 Trena Wilkerson: Handout:

https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/Aug13WebinarHandoutpdf.pdf

00:44:12 ALEX QUYENVO: A: maybe before you ask them to work in groups, you set the expectations, and give them tasks, like this person do this, this person do that

00:44:35 Vicente Lopez: Approachable voice for When I read a problem, I don't know which operation to use.

00:44:39 ALEX QUYENVO: B: how many times have you read the questions ?

00:44:50 Erica Dieden: B.). What extra information or question might you need to ask to better understand what I would like you to do?

00:45:47 Andrea Ogden: What might be some strategies you've tried that have helped students work together successfully in the past?

00:45:49 Aura Fortaleza: Which specific information or words from the problem are not clear to you?

00:45:51 Jada Pearson: What might be some Talk Move strategies that you could try to focus the students on the conversations?

00:46:07 Stephenia Courtney: What other information might you need?

00:46:18 Bonnie Angel: What are some of the criteria you expect with group work?

00:46:24 courtney dickerson: What strategies can you reteach to get the desired results?

00:46:30 Cynthia Blanchard: B) Can you think of some other times you had a problem like this and strategies you might have tried that worked then?

00:46:30 Susan Danskin: What are some ways you have already tried the problem?

00:46:33 Linda Koval: What strategies have you tried?

00:46:35 Maria Jenny Duppins: What strategies have you used to solve this problem? Or What seems most useful in this situation?

00:46:36 Caitlin Almazan: B) What are some things about the problem that you do know? or What are some strategies we could try to start the problem?

00:46:37 Dawn Furstenberg: When I don't understand a problem I try to break it down into chunks, what would be the first part of this problem we would want to look at together?

00:46:37 Dana Whetstone: What are some strategies you have tried?

00:46:37 Gabrielle Bertrand: What are some things do you know about this problem? What do you remember about strategies we have created for when you get stuck?

00:46:37 Leslie Colquhoun: What might be some strategies that you have used to figure out what it says?

00:46:37 Erica Dieden: B.). What extra information or question might you need to ask to better understand what I would like you to do?

00:46:38 Patricia Daugherty: # 1 What are we learning that might help you get started? Or What words might help you get started?

00:46:39 Tristen Gartrell: What are some ways you have approached similar problems in the past?

00:46:39 dana dulzo: what are some specific questions you have about this task

00:46:39 Allison Miller: What are some strategies you have already tried?

00:46:39 Carol Watson: B. What are some key words that will lead to some strategies you could use to solve the problem?

00:46:41 Denise Okegbola: Ok, let's think. What is the question/problem asking and what might be some strategies you can use to get started?

00:46:43 Caren Rawlins: What might be some ways that you have seen us solve these questions that allowed you to be successful

00:46:43 Mary Rose Portugal: What do you know so far about this topic?

00:46:47 Angie Augustyn: what other resources might help you?

00:46:48 Dana Barile: B-Are there any other problems we can compare this one to?

00:46:49 Dave Hankin: What strategies have you tried?

00:46:53 Pam Cadena: Which parts do you understand?

00:46:53 Debbie Meaney: What are some different strategies you have been successful using 1 in the past when you haven't known where to start?

00:46:55 Lucila Lopez: How does this problem compare to the problem you solved earlier/yesterday?

00:46:55 beth blumberg: Can you be more specific about what you don't understand?

00:46:56 Beth Brennan: What additional information do you need?

00:46:56 SYBIL EGGLESTON: What strategies and examples could you have used to make sense of the question?

00:46:57 Cynthia Thompson: How do you think you might tackle this question/problem?

00:46:58 Laura Kueffner: What words in this problem compare to work you have done in class this year?

00:47:05 Nicole Walden: good stuff

00:47:07 Pamela Redd-Crowell: Let's think about what solution you are trying to achieve?

00:47:08 Dana Barile: What might the relationship be with the numbers in the problem?

00:47:11 Deborah Graves: Let's reread this together. What part was

confusing?

00:47:13 Aura Fortaleza: What are specific words or information that you don't know about the problem?

00:47:15 Cynthia Juarbe: what is some information you can tell me is on the question that you understand

00:47:18 Jolanta Sobolewska: What are so other way to solve the problem?

00:47:19 Rachell Scott: What are some things that you will need to help you understand how to do the problem?

00:47:22 Sandra Pech: think about strategies you may have used in the past and which ones might work in this situation

00:47:24 Nadine Richards-Ramsey: What specifically do you not understand what to do?

00:47:32 Andrea Ogden: lol I love that and use it all the time with responsive classroom!

00:47:35 Cherish Alberts: What might be some strategies that you have used successfully in the past that could help you get started?

00:47:35 Laurie Lopez: What in the problem is causing you to have trouble?

00:47:40 Ulysses Cendejas: Let's start from the beginning, what was the first you wrote down first?

00:47:45 Trena Wilkerson: Love that question!

00:47:54 David Barnes: I LOVE that questions, TOO!

00:47:55 Nicolette Nalu: C. I LOVE that you have been thinking about connections to make with the SMPs. What do you already know about what SMP #4 looks like?

00:48:02 Lisa Lambuth: What might you see students do when they are demonstrating MP #4? MP#5? How might these 2 practices connect?

00:48:02 Stephenia Courtney: Can you explain where you are getting confused or what don't you understand

00:48:07 Kendra Edwards: How does your understanding of MP5 compare with the thoughts you already generated about MP4?

00:48:07 Michael Chrzan: What might be some tools that we could use that don't involve modeling?

00:48:09 Beth Balach: What are some other ways you could solve this problem using the content from yesterday's activity?

00:48:21 Andrea Ogden: How might model and tools be the same and different?

00:48:32 Lisa Crawford: D. What operations are you considering? How might the numbers change if we try (+/-/X//)?

00:48:34 Kate Welsh: D. What strategies have worked in the past when you've solved word problems?

00:48:36 Patti Hodges: Which words in the problem might help provide clues to make connections to determine which operation to use?

00:48:36 Rachel Ockner: Let's look at the other word problem we solved together. What are some similarities that might exist between these two situations? How can we use that to help us on this word problem?

00:48:37 Andréa Chew: What strategies have you tried?

00:48:37 Tanya Landry: D. What might be some strategies you can use to understand what is happening in the problem?

00:48:38 Jenna Schmidtman: What are some strategies you could try?

00:48:38 Natasha Gambarov: D. What are some words that are important in

this word problem?

00:48:38 Lindsay Tasker Barker: What would this word problem look like if it were a page from a book?

00:48:38 Justin Klinger: What words do you know and the operations that correspond to them?

00:48:40 DaiTrang Phan: What might be some of the operation words you may recognize?

00:48:40 Jennifer West: D) What are some strategies or key terms you can use or think of to figure out the operation that is being used in the word problem?

00:48:46 Kathleen Dewey: Can you describe for me all the possible actions that you think might be going on in this problem?

00:48:48 Donna Misciagna: What are some strategies you could use to break down the ideas in the problem?

00:48:49 Ma Nesza Provideo: As you model how to solve absolute value equations, what tools might you use to model your problem solving to distinguish MP4 and MP5?

00:48:49 Marcia Balkin: What are some ways you have tried to figure out the operation?

00:48:52 Cynthia Juarbe: lets look at the question backwards

00:48:53 MICHAEL KAROLEWICZ: D. What are some key words to help you know what is important in the problem?

00:48:55 Rhonda Slater: Can you identify which operations do not work?

00:48:56 Lesly Brown: Let's read it together aloud, and see if that helps.

00:48:58 Catherine Cook: What strategies did you use in the past t help you solve the problems?

00:48:58 Melonie Smith: What operations come to mind when you read the problem?

00:49:01 Laurie Lopez: How does this problem compare to the problem you solved first?

00:49:01 Christine Baccaro: Let's read through it together

00:49:02 Andrea Ogden: "If you did know what operation to use, what would it be?" lol

00:49:02 Vicente Lopez: Please talk

00:49:06 Rachell Scott: What might be some of the operation words you may recognize?

00:49:12 Sharon Bentkowski: What are some topics you might want to get started with?

00:49:14 Rodrigo Gutierrez: E) What are some things you have previously done in your classroom to prepare students for number talks?

00:49:15 Nicole Sosler: What numeracy routines have you tried before that you've found powerful?

00:49:20 Shari Kaku: What are some ways you have started other routines in the past that engaged students?

00:49:21 Florentia Spires: Letter E: How do you think you might get started with number talks?

00:49:25 Michael Gougis: When we solve word problems what reading strategies might we use?

00:49:34 Beverly Turner: What things might you need to get started doing them?

00:49:42 Andrea Ogden: What might be some of the strategies you've used to promote discourse and routines in the past?

00:49:46 Rosalind Brown: (F) How were the strategies you used similar to those you have used in the past?

00:49:47 Jerra Wood: F) What strategies might you use to reconstruct your thinking?

00:49:48 Rebecca Zlotnik: F) How might you compare this problem to others you have done before?

00:49:49 Tamia Welch: What might be some strategies that you have used that could help solve this problem?

00:49:49 MaryJo Swann: F What are some steps you are confident about?

00:49:51 Susan Danskin: What would happen if you tried to work backwards from your answer to the question?

00:49:52 Patricia Johnston: What were you thinking as you completed the problem?

00:49:53 shailja verma: Teacher- ok that's good, can you think of other ways to solve this problem?

00:49:53 Catherine Cook: How would you explain your thinking to someone else?

00:49:55 Randolph Chapman: Which steps are you sure is correct?

00:49:58 Christine Yokoyama: Which values were you using?

00:50:06 Ashley Clark: Can you talk me through your process?

00:50:07 Laurie Lopez: Can you talk me through your solution?

00:50:08 Christine Tabor: What might be a way you could have started this question?

00:50:11 Cynthia Juarbe: did you write down any information

00:50:33 Marissa Heitman: can you work backwards to find out

00:50:39 Denise Walston: could you share some of the ways you thought about the task

00:51:05 Deborah Graves: Where did you start? Explain your thinking.

00:51:13 sandra bagadiong: thank u maggie

00:51:29 Mohamed T: inquiring

00:51:44 Carly Jardinier: Thank you, Maggie :)

00:51:59 DaiTrang Phan: I love this. Thank you Maggie.

00:52:06 Angela Wilson: Thanks for the tips on posing more open ended questions to help students.

00:52:25 beth blumberg: no

00:52:25 Florentia Spires: no

00:52:25 Linda Koval: No.

00:52:25 Lisa Crawford: n

00:52:25 Gabrielle Bertrand: y

00:52:26 Natasha Gambarov: yes

00:52:26 Andrea Ogden: No

00:52:26 Christine Tabor: Yes

00:52:26 Britney Anthony: yes

00:52:27 Melissa Campbell: y

00:52:27 Jeff Monjack: no

00:52:27 Kendra Edwards: Yes

00:52:27 Sharon Black-MacKinnon: No

00:52:28 Thy Dinh: no

00:52:28 Gauri Kulkarni: yes

00:52:28	Nadine Richards-Ramsey:	yes
00:52:28	Maria Jenny Duppins:	no
00:52:28	Alma Miho:	no
00:52:28	Pam Cadena:	no
00:52:29	Peta-Gaye Benjamin:	yes
00:52:29	Marcia Balkin:	yes
00:52:29	Laura Kueffner:	n
00:52:29	Caren Rawlins:	no
00:52:29	Rodrigo Gutierrez:	no
00:52:29	DaiTrang Phan:	no
00:52:29	Rosalind Brown:	+yes
00:52:29	Mary Rose Portugal:	NO
00:52:29	Lisa Lambuth:	no
00:52:29	Allison Miller:	yes
00:52:29	Beth Balach:	no
00:52:29	Jaclyn Duronio:	no
00:52:30	Marcie Schuler:	yes
00:52:30	Rachel Lee:	no
00:52:30	Daniel Irving:	Yes.
00:52:30	Jenna Schmidtman:	no
00:52:30	Kate Welsh:	no
00:52:30	Angela Wilson:	on
00:52:30	Haley Wright:	No
00:52:30	Kathleen Dewey:	no
00:52:30	Terry Cater Cyker:	no
00:52:30	Christine Baccaro:	No
00:52:30	Jada Pearson:	no
00:52:31	Stephanie Skelton:	yes
00:52:31	Cynthia Rascon:	No
00:52:31	Jeanetta Glass:	no
00:52:31	Vasiliki Balaskas:	no
00:52:31	Bridgette Hill- Smith:	yes
00:52:31	shailja verma:	yes
00:52:31	Cindy Bryant:	no
00:52:31	Laurie Walker:	no
00:52:31	Catherine Cook:	not with math
00:52:31	Dana Whetstone:	yes
00:52:31	Carol Watson:	yes
00:52:32	Charlotte Wolesslagle:	no
00:52:32	JAMES FIRTEK:	no
00:52:32	Angie Augustyn:	no
00:52:32	Michael Gougis:	no
00:52:32	Clare Harrington:	no
00:52:32	Andrea Francis:	yes
00:52:32	Beverly Turner:	no
00:52:32	Nicole Sosler:	yes
00:52:32	Cynthia Juarbe:	no
00:52:32	Karen Bethel:	no
00:52:32	Wisnu Siwi Satiti:	no
00:52:32	Denise Okegbola:	no

00:52:33	Mary France Imperial:	no
00:52:33	Denise Walston:	no
00:52:33	Jet Yeung:	no
00:52:33	janine addison:	no
00:52:33	Patti Hodges:	no
00:52:33	Nicole Walden:	no
00:52:34	Beth Brennan:	no
00:52:34	Todd Smallcanyon:	no
00:52:34	Ann Marie Goings:	no
00:52:34	Debbie Meaney:	no
00:52:34	Kristen Perrine:	Never with fractions
00:52:34	Denise Smith:	no
00:52:34	jill brown:	no
00:52:34	Rhonda Perkins:	no
00:52:34	BRYANT GOREE:	nno
00:52:34	Yolanda Herrera:	Yes
00:52:34	Angela Wilson:	no
00:52:35	Andrea Robinson:	no
00:52:35	Rhonda Slater:	No
00:52:35	Caroline Che Nee Foy:	no
00:52:35	Angie Augustyn:	no
00:52:35	Patricia Daugherty:	No
00:52:35	Barbara Post:	no
00:52:36	Ashley Clark:	no
00:52:37	Cynthia Thompson:	no
00:52:37	Kay Wohlhuter:	no
00:52:37	Rochelle Lake:	no
00:52:37	Tynica Lewis:	no
00:52:37	Kathleen Morris:	n
00:52:38	Kristi Foggo:	no
00:52:38	Myrna Cabrerros:	no
00:52:38	sandra bagadiong:	no
00:52:38	Jolanta Sobolewska:	no
00:52:38	Bonnie Angel:	yes
00:52:38	Amanda Brown:	no
00:52:39	Pamela Redd-Crowell:	no
00:52:39	Anthony Carman:	no
00:52:39	Rachell Scott:	no
00:52:39	Justin Klinger:	no
00:52:40	Rosanne Marino:	Not for math
00:52:40	Christine Yokoyama:	yes
00:52:40	SYBIL EGGLESTON:	no
00:52:41	Emerlina Binuya:	No
00:52:41	Maximo Gimeno:	yes
00:52:42	Andréa Chew:	no
00:52:43	Josefina Ocampo:	yes
00:52:43	Leslie Colquhoun:	No
00:52:44	Aura Fortaleza:	no
00:52:44	Patricia Johnston:	no
00:52:45	Julie Hutchinson:	no

00:52:49 Laurie Lopez: fNo
00:52:49 Lorie Huff: no
00:52:51 Justin Klinger: yes
00:52:51 Kathleen Morris: y
00:52:51 Jerra Wood: yes
00:52:54 Deborah Graves: NO
00:52:58 Andrea Ogden: Ohh, I thought you meant this specific task hahaha
00:52:59 Ann Marie Goings: oh yes I have!
00:53:00 Lindsay Tasker Barker: yes
00:53:02 SYBIL EGGLESTON: Oh, yes!
00:53:03 Anthony Carman: Oh, yes to the old game...
00:53:04 katrina tunstall: yes
00:53:07 Jennifer West: yes
00:53:09 Aura Fortaleza: yes
00:53:10 Caren Rawlins: Oh yes, I have
00:53:10 JAMES FIRTEK: oh, yes!
00:53:11 Thy Dinh: yes to the game but not in this way
00:53:12 Rachell Scott: oh, yeah, now remember!!
00:53:12 beth blumberg: yes
00:53:13 Linda Koval: Same as Andrea O
00:53:14 Lisa Sheers: No
00:53:14 Laura Kueffner: oh, yes i have too
00:53:15 Patricia Daugherty: Oh, I thought you meant the task.
00:53:16 Denise Walston: changing to yes
00:53:19 Cindy Bryant: Oh yes, I have played this.
00:53:23 Laurie Lopez: Oh, yes I have
00:53:26 Jet Yeung: Oh! yes, I remember now
00:53:30 Cheryl Ann Doyle E Barran: yes
00:53:30 Mary Rose Portugal: Oh yes
00:53:32 Florentia Spires: Non-math, yes
00:53:32 Angela Wilson: Sorry , I thought you meant did I play it today with
the activity.
00:53:33 Kristi Foggo: From Kristi yes
00:53:34 Lorie Huff: Oh red light yellow light, green light, stop
00:53:34 Jorge Veloso: I'm loving today's session. I'm learning a lot!
00:53:39 Cynthia Blanchard: haven't played it since recess 35 years ago
☺
00:53:43 Patti Hodges: Oh yes, I did play this as a kids
00:53:50 beth blumberg: carrie
00:53:51 Christine Tabor: Carrie
00:53:52 Michael Gougis: Carrie
00:53:52 Catherine Cook: Carrie
00:53:53 Allison Miller: carrie
00:53:54 Thy Dinh: carrie
00:53:56 Clare Harrington: Carrie
00:53:56 Rhonda Slater: carrie
00:53:56 Linda Koval: Carrie
00:53:57 Vicente Lopez: Carrie
00:53:57 Nadine Richards-Ramsey: Carrie
00:53:57 Marissa Heitman: carrie

00:53:58 dana dulzo: han
00:53:58 Patti Hodges: carrie
00:53:59 Lisa Sheers: Carrie
00:53:59 Jaclyn Duronio: Carrie
00:54:00 Christine Baccaro: carrie
00:54:00 Aura Fortaleza: carrie
00:54:01 JAMES FIRTEK: carrie
00:54:02 Andréa Chew: Oh...I did play that game
00:54:02 Florentia Spires: carrie
00:54:02 Natasha Gambarov: Carrie
00:54:02 Sharon Black-MacKinnon: Carrie
00:54:03 Haley Wright: Carrie
00:54:04 MICHAEL KAROLEWICZ: Carrie
00:54:04 Leslie Colquhoun: Carrie
00:54:05 Gabrielle Bertrand: Carrie
00:54:06 Cynthia Juarbe: Carrie
00:54:06 Haydee Rojas-Avila: Carrie
00:54:07 Kathleen Dewey: Carrie
00:54:07 Christine Yokoyama: Carrie
00:54:07 Angela Wilson: Carrie
00:54:07 Kristen Perrine: 5/6
00:54:08 Jenna Schmidtman: Carrie
00:54:08 Jolanta Sobolewska: carrie
00:54:08 sandra bagadiong: carrie
00:54:08 Maria Jenny Duppins: carrie
00:54:08 Peta-Gaye Benjamin: Carrie
00:54:09 Dalila Rivera: Carrie
00:54:10 Ana Cristina Sanz Gomez: carrie
00:54:10 Lisa Lambuth: Carrie
00:54:10 Bonnie Angel: Carrie
00:54:11 Emerlina Binuya: Carie
00:54:12 Josefina Ocampo: carrie
00:54:12 Amanda Brown: Carrie
00:54:13 Darlene Tyler: Carrie
00:54:13 Beth Balach: Carrie
00:54:13 Melonie Smith: Carrie
00:54:13 Todd Smallcanyon: carrie
00:54:15 Patricia Johnston: Carrie
00:54:15 Mary France Imperial: Carrie
00:54:15 Caroline Che Nee Foy: Carrie
00:54:16 Leslie Colquhoun: Carrie
00:54:16 Walter Shaner: Carrie
00:54:17 Martine Richardson: Carrie
00:54:19 Marcie Schuler: carrie
00:54:19 Nicolette Nalu: Carrie. She is only 1/6 from the end.
00:54:19 Dave Hankin: Carrie
00:54:21 Wisnu Siwi Satiti: Carrie
00:54:21 Denise Walston: Carrie
00:54:21 Myrna Cabrerros: carrie
00:54:22 Carly Jardinier: Han

00:54:23 shailja verma: carrie

00:54:23 Jo Ann Luhtala: Jp Ann Luhtala Carrie

00:54:24 Deborah Graves: carrie

00:54:24 Caitlin Almazan: Carrie

00:54:26 Rochelle Lake: carrie

00:54:27 Dana Barile: Carrie

00:54:29 Justin Klinger: All of them until some yells red light

00:54:30 Carol Watson: Carrie

00:54:32 Daniel Irving: Carrie

00:54:34 Galaxy J2 Core: Carrie

00:54:34 Rachell Scott: carrie

00:54:36 Cheryl Ann Doyle E Barran: carrie

00:54:36 Gauri Kulkarni: carrie

00:54:43 Rebekah Flanagan: Carrie

00:54:44 Kristi Foggo: Carrie

00:54:46 Lesly Brown: Carrie maybe?

00:54:57 Maria Woehl: Mary

00:55:04 Carly Jardinier: No, not Han. Ugh. Carrie!

00:55:21 Katherine Prammer: What book is recommended for forming these questions?

00:55:21 Nicole Walden: Are there answers have you ruled out?

00:55:28 Linda Koval: Why do you think Carrie is the winner?

00:55:36 Christine Tabor: I like the one you guys already asked, "Who could we easily eliminate?"

00:55:36 Rochelle Lake: What do you notice

00:55:41 Cherish Alberts: What 2a6s

00:55:41 MaryJo Swann: What are reasons you think _____ cannot win?

00:55:45 Natasha Gambarov: What might be some obvious wrong answers

00:55:46 Nicolette Nalu: How far away from one whole is each person?

00:55:46 Thy Dinh: who's ahead and why

00:55:46 Caren Rawlins: What strategies might you use to figure this out

00:55:47 Christine Baccaro: How did you come up with your choice? Were you able to eliminate some faster than others?

00:55:50 Kristen Perrine: How might you use your understanding of benchmark fractions to help you solve this problem?

00:55:51 dana dulzo: how many steps did the player take and how a do you know

00:55:51 Florentia Spires: Where is each person in the race? Line them up!

00:55:52 Catherine Cook: as you compare the fractions, which is the greatest?

00:55:53 Dave Hankin: Ask what methods they used to figure who was the closest.

00:55:55 Dana Barile: Are there any student's fractions that you can compare?

00:55:56 beth blumberg: Who is going the slowest?

00:55:59 Todd Smallcanyon: Which piece is larger if you cut in a circle

00:56:00 Florentia Spires: What are you wondering?

00:56:04 Susan Danskin: What strategies might you have learned in the past that would help you to think about this problem?

00:56:05 Caroline Che Nee Foy: How did you determine the winner?

00:56:06 Leslie Colquhoun: What strategies might you use to compare these fractions?

00:56:07 beth blumberg: Which fraction is closest to one?

00:56:10 Jolanta Sobolewska: How did you solve the problem?

00:56:11 Pam Cadena: Which strategies did you use to get your answer?

00:56:12 MaryJo Swann: What are some ways you are comparing their places?

00:56:13 Jerra Wood: What are ways you are thinking about which students are ahead and which ones are further behind?

00:56:13 Cynthia Thompson: What strategies can you use to decide who is winning?

00:56:14 Gabrielle Bertrand: What are some other ways you can represent your solution?

00:56:14 Angela Cooper: How would you determine who is closest?

00:56:16 Rosanne Marino: Which fractions are easy for you to compare and order?

00:56:17 beth blumberg: Who is moving in the biggest jumps?

00:56:18 Thy Dinh: Who's the most far behind at this point? How do you know?

00:56:20 Nicole Walden: How do you think people might compare these values?

00:56:20 Martine Richardson: How did you arrive at that conclusion?

00:56:22 Lindsay Tasker Barker: Can you make any inferences about anyone's placement in the group?

00:56:22 Rachel Ockner: what operations might we have learned recently that will help us begin solving?

00:56:25 Pamela Redd-Crowell: How would find the common denominator?

00:56:26 Zaynab Abdullah Muhammad Abdullah Muhammad: what strategies might you use to arrive at the answer?

00:56:27 dana dulzo: are they all taking the same number of steps during the game

00:56:27 Florentia Spires: Who is traveling close to the same speed?

00:56:28 Caitlin Almazan: How can we compare these fractions?

00:56:28 Jada Pearson: What might be some ways to show your thinking about this problem?

00:56:29 Gauri Kulkarni: Which fraction is closest to one whole

00:56:31 Linda Koval: How close is the next runner?

00:56:31 Christine Tabor: Why do you think Carrie is the winner?

00:56:31 Margaret Blankinship: If you were playing with this group, what fraction would you use to win?

00:56:37 Tamia Welch: What are some ways you can rule people out?

00:56:37 Cherish Alberts: What strategies did you use to find an answer?

00:56:39 Laura Kueffner: How might a number line help answer this?

00:56:40 Michael Gougis: What are some strategies you might use to determine which student has gone the farther?

00:56:44 Martine Richardson: What strategy did you use?

00:56:45 Allison Miller: What strategies might you use to solve the problem?

00:56:46 Walter Shaner: What strategies will you use to determine who has won the race?

00:56:49 Andrea Ogden: What might be some things you're noticing or wondering about?

00:56:51 Christine Yokoyama: How do you show the Fractions on the Number Line?

00:56:51 Connie Malicoat: You say Carrie is in winning - convince me!

00:56:52 Christine Tabor: Where might you start with this question?

00:56:53 Gabrielle Bertrand: Which strategies could you use to get started?

00:56:53 MICHAEL KAROLEWICZ: Would you rather be Larry or Shawn? Why?

00:56:54 Yolanda Herrera: What did you notice about this task?

00:56:55 jill brown: i wonder if Larry is at the back

00:56:58 Angela Wilson: Can you try using the strategy of approximating to rule out some players? What about those players who are greater than 50% or 80%?

00:57:01 Laurie Lopez: How might you use what we learned about benchmark fractions to help you?

00:57:01 Lisa Crawford: What do you notice about these fractions? Might there be a way to group them that could make the task more approachable?

00:57:02 Aura Fortaleza: What are the strategies that you might use to figure out who's winning?

00:57:02 Thy Dinh: How might you use models to show where people are?

00:57:04 Rebekah Flanagan: How would you determine the fraction closest to one?

00:57:04 Nicolette Nalu: Can you use Cuisenaire Rods, a number line, fraction bars, or another manipulative to help you SEE the reasoning a little easier?

00:57:07 beth blumberg: Can you eliminate some students?

00:57:08 Ann Marie Goings: How can you compare each person's position?

00:57:09 Galaxy J2 Core: What strategies that you used ?

00:57:16 Nora Marasigan: Which do you think is closest to 1?

00:57:16 Lisa Sheers: What strategies might you use to feel confident that you know who solved the race?

00:57:17 Maria Jenny Duppins: What are some of the things you learned about comparing unlike fractions?

00:57:18 Clare Harrington: What tools might you use?

00:57:23 Christine Tabor: What does the denominator do to a fraction?

00:57:24 Kristi Foggo: What strategies did you use to determine who won?

00:57:28 Kathleen Dewey: What ways did the numerators and denominators help you in comparing the fractions?

00:57:30 Rachell Scott: Who did you choose and explain why did you choose that person?

00:57:35 Maria Jenny Duppins: What are some ways you can compare fractions

00:57:37 Beth Balach: What strategies might you use to solve this problem?

00:57:38 Jennifer West: What fractions do you recognize or know in its decimal form? Where will the fractions you recognize be located on a number line?

00:57:38 Lisa Sheers: How might you use landmark numbers to help?

00:57:40 Andrea Ogden: Or common numerators

00:57:55 Jo Ann Luhtala: What strategies did you use to choose the smallest or largest fraction? Jo Ann Luhtala

00:57:56 Clare Harrington: Will you be sharing these slides tomorrow?

00:58:08 Thy Dinh: How might you solve without using common denominators?

00:58:21 Christine Tabor: How might you help students begin with this question?

00:58:22 Nicolette Nalu: Are there some benchmark fractions that you know that can help you rule some out?

00:58:22 beth blumberg: What are good questions to ask students?

00:58:25 Tynica Lewis: What questions have you already thought about asking your students?

00:58:27 Andrea Ogden: What might be some strategies might you anticipate students using as they work through this task?

00:58:28 Rosalind Brown: How many ways can yu solve this problem?

00:58:28 Natasha Gambarov: What could be some of your strategies to start a discussion with this problem?

00:58:29 Cheryl Akers: What misconceptions might students have about this task?

00:58:32 beth blumberg: What do you want students to notice?

00:58:34 Alma Miho: How would you present this problem toy your students?

00:58:34 Nicole Walden: What ways do you use to help students compare these values?

00:58:34 Lisa Sheers: What are some of the big ideas that students can teach each other from this task?

00:58:35 Catherine Cook: what strategies should students already know how to use before solving this problem

00:58:36 Clare Harrington: What prerequisite skills will students need to solve this?

00:58:37 Rhonda Slater: Have you thought about different ways to model how these fractions are different from one another?

00:58:37 Laura Kueffner: What do you expect your students to try first?

00:58:37 Erica Dieden: What strategies do you see the students using for this problem?

00:58:41 Laurie Lopez: Can you predict some of the difficulties students might have solving this task?

00:58:45 MICHAEL KAROLEWICZ: What strategies do students default to?

00:58:46 Florentia Spires: How will you use this with your students to get them all involved?

00:58:47 Allison Miller: What answers might the students provide?

00:58:47 Rodrigo Gutierrez: What representations would you expect to see from students?

00:58:47 Zaynab Abdullah Muhammad Abdullah Muhammad: what are some questions you may use to help the students determine the winner?

00:58:48 Deborah Graves: What are the students' responses?

00:58:50 Beverly Turner: What are some of the strategies you anticipate the students will be using?

00:58:51 Mary Rose Portugal: What strategies do you have in mind, so far?

00:58:52 Christine Tabor: What are you trying to assess?

00:58:53 Jolanta Sobolewska: How would you present this problem to the students?

00:58:54 Linda Koval: What do you think that your students' will have trouble with?

00:58:55 Andrea Ogden: What prior knowledge might you draw upon to help you launch the task?

00:58:55 Clare Harrington: Where do you think students will get stuck?

00:58:55 jill brown: what strategies do you think students might use
00:58:57 Bonnie Angel: What misconceptions might your students have about this task?
00:58:57 Margaret Blankinship: What are some of the common misconceptions your students might have?
00:58:58 Caitlin Almazan: What strategies could you use to challenge students who can solve this problem quickly?
00:58:59 beth blumberg: How might you give a student a hint without giving them the answer?
00:58:59 Pam Cadena: What might you learn from your students' answers?
00:59:00 Rosalind Brown: What misconceptions do you think your students will have
00:59:00 Ashley Clark: How can you present comparison to the students so they start talking about the strategies themselves?
00:59:00 Denise Walston: what are some strategies that your students might use to approach this task
00:59:00 Cheryl Akers: What are some strategies that your students might use?
00:59:01 Dave Hankin: Have you provided for multiple methods for students to justify their answer?
00:59:01 Tynica Lewis: what strategies would you use to answer the question
00:59:01 Nicolette Nalu: What do you notice about the magnitude of some fractions in relation to 1 whole?
00:59:02 Thy Dinh: How might your students solve this problem? Which fractions would be easiest or hardest for them to compare?
00:59:05 Cherish Alberts: What are some questions students might have for you about this task?
00:59:05 Lisa Sheers: How many different ways do you envision student solving this?
00:59:07 Jada Pearson: How might you support students if they are feeling stuck?
00:59:08 Lisa Lambuth: What strategies might your students use? What tools might they use?
00:59:11 Clare Harrington: What possible answers might you see?
00:59:13 janine addison: What are you hoping your students get out by completing this task
00:59:13 Maria Jenny Duppins: What strategies have you taught and modeled to your students?
00:59:14 Lance Brauchla: What do you think they are trying to figure out?
00:59:14 Erica Dieden: Would you expect students to have multiple representations for their answers?
00:59:15 Marcie Schuler: What other tools could you offer students to problem solve?
00:59:16 Barbara Weidus: What might some different strategies be to finding who is winning the race?
00:59:16 Jerra Wood: What are some strategies students might use in working through this task? What are some models they might use as supports?
00:59:17 Andrea Ogden: What might be some common student errors you anticipate?
00:59:18 Justin Klinger: What is the outcomes you want the students to

00:59:18 Pamela Redd-Crowell: How would I simplify the fractions?

00:59:20 Florentia Spires: What do you expect your struggling learners to do with this information? How will you support them?

00:59:21 SYBIL EGGLESTON: What steps do you think the students used to solve the problem?

00:59:25 Rebekah Flanagan: What might you think the students would approach this problem?

00:59:26 Gabrielle Bertrand: How might you use this task?

00:59:27 Beth Balach: What strategies do you see students using to solve this problem?

00:59:28 beth blumberg: What do your student know, and what do they need to know?

00:59:29 Deborah Graves: What hand-on materials have you used with this problem?

00:59:29 Yolanda Herrera: What strategies for comparing fractions have you been using?

00:59:32 Andrea Ogden: What manipulatives might you have available for students to use?

00:59:36 Aya Zvaigzne: What sorts of anticipated answers could you come upwith ?

00:59:39 Alison Harper: What strategies might you use to decide your next steps for teaching?

00:59:40 Angela Wilson: When working on this activity did you allow the students to use their math manipulative tools such as fraction bars, tape grids or benchmark fraction charts?

00:59:46 DaiTrang Phan: What questions might you ask to improve your students' mathematical thinking?

00:59:46 Rebekah Flanagan: What steps would you have students accomplish first?

00:59:52 Gabrielle Bertrand: What strategies might yo use for kids who are just learning fractions?

00:59:57 Denise Walston: what are some of purposes for using this task and what is some of the information you may gleam

00:59:57 Christine Tabor: Compare how you will approach this with your various leveled students.

00:59:59 Aura Fortaleza: What are the possible strategies you might think the students will use to solve the problem?

01:00:03 Rosalind Brown: What tools do you thik might make this easier to tackle

01:00:03 shailja verma: can you explain your thinking?

01:00:03 Ashley Clark: How can you compare size if they have different denominators? Can we make them the same?

01:00:05 Charlotte Woleslagle: How could you use manipulatives to visualize the game?

01:00:06 MICHAEL KAROLEWICZ: Students regularly struggle with fraction work. What can students use to help them start in the right direction?

01:00:07 Rosanne Marino: How could you compare two fractions with the same numerator?

01:00:08 Rebekah Flanagan: How do you compare two fractions?

01:00:10 Michael Gougis: How could you convert the fractions to decimals?

01:00:24 Sharon Black-MacKinnon: What manipulatives have you used in the past that may help you to compare the fractions?

01:00:26 Lisa Sheers: How might you encourage number sense and mental math strategies in your students?

01:00:30 Patti Hodges: How could you use a visual approach to solve this problem?

01:00:58 Emerlina Binuya: What manipulative can you use to demonstrate the fractions?

01:01:00 Barbara Weidus: What is your thinking about why Carrie is wining?

01:01:01 Andrea Ogden: What student behaviors might be evidence of successful completion look like?

01:01:02 Jo Ann Luhtala: From Jo Ann Luhtala what fractions were easy ones to solve? Why? What fractions were harder to solve? Why?

01:01:04 Kristi Foggo: Do you think using manipulatives would be helpful in find strategies to assist you?

01:01:12 Cindy Bryant: The chat will be posted with the recording.

01:01:13 Cheryl Akers: How will you help students make connections with the various strategies?

01:01:15 Gauri Kulkarni: Can you identify the gaps?

01:01:24 Chonda Long: The chat will be available tomorrow with the recording at www.nctm.org/100

01:01:27 Jamie Rossi: I just LOVE this question!!

01:01:33 Rosanne Marino: Where do all of these fractions fall on the number line? Between what whole numbers?

01:01:33 Thy Dinh: how might you relate these fractions to what students know about whole numbers?

01:01:37 Michael Gougis: How can tell whether these fractions are equivalent?

01:01:44 Michelle Massie: Compare what's left over for each. Size wise.

01:02:16 Lisa Sheers: How is your thinking different from...’s?

01:05:05 Laurie Lopez: Georgia Frameworks is a great resource!

01:05:26 Bonnie Angel: We are in the process of revising our standards in Georgia!

01:05:45 Kerry Lindo: our Math scope and sequence helps in Jamaica

01:05:48 Linda Koval: I loved the fact that your standards are the 8 mathematical practices.

01:05:49 Andrea Ogden: snaps to that!

01:07:53 Kathleen Dewey: My last school it was all about what they got on the NWEA assessment

01:09:03 Nicole Walden: Is the screen blank right now?

01:09:15 janine addison: no

01:09:16 Nicole Walden: all better now

01:09:19 Jerra Wood: I can see.

01:09:19 Pam Cadena: we can see it

01:09:19 Dave Hankin: We see it

01:09:20 Nicolette Nalu: We can see it.

01:09:21 Clare Harrington: I can see it

01:09:21 Cherish Alberts: I see it.

01:09:23 Kate Welsh: I see the screen with questions

01:09:24 Nadine Richards-Ramsey: i can see it
01:10:25 Cindy Bryant: Yes, the chat will be posted as well.
01:12:08 Andrea Ogden: MP 7
01:12:08 Gabrielle Bertrand: 7
01:12:09 Linda Koval: 7
01:12:09 Kate Welsh: 7
01:12:09 Angela Cooper: 7
01:12:10 Cheryl Ann Doyle E Barran: 8
01:12:10 Margaret Blankinship: 7
01:12:11 Josefina Ocampo: 7
01:12:12 Alma Miho: 1goes to 7, 2 goes to , 3 goes to 8, 4 goes to 7,
01:12:12 Dawn Furstenberg: 7
01:12:13 Nadine Richards-Ramsey: 7
01:12:15 Jerra Wood: 7
01:12:16 Allison Miller: 7
01:12:16 Jenna Schmidtman: 8
01:12:17 Christine Yokoyama: 8
01:12:17 Michael Chrzan: 8
01:12:18 Emerlina Binuya: 7
01:12:19 Beverly Turner: 8
01:12:20 Caroline Che Nee Foy: 7
01:12:20 Denise Smith: 1 &7
01:12:21 Bonnie Angel: 8
01:12:22 Charlotte Woleslagle: 8
01:12:22 Dana Barile: #1
01:12:23 Rachell Scott: 1,7,8
01:12:23 SYBIL EGGLESTON: 7
01:12:24 Jo Ann Luhtala: Jo Ann Luhtala 7
01:12:25 Jolanta Sobolewska: 8
01:12:25 Cynthia Thompson: 8
01:12:26 Rosanne Marino: MP8
01:12:26 Beth Balach: 7
01:12:27 Ray Mark Cariquez: 8
01:12:28 JAMES FIRTEK: 1 , 7
01:12:29 Linda Koval: 5
01:12:30 Kristi Foggo: 7
01:12:34 Andrea Ogden: 5
01:12:34 Allison Miller: 5
01:12:34 Kathleen Dewey: 5
01:12:34 dana dulzo: 5
01:12:34 Jenna Schmidtman: 1
01:12:35 Cheryl Ann Doyle E Barran: 5
01:12:35 ALEX QUYENVO: 6
01:12:35 Rachel Ockner: 5
01:12:35 Caitlin Almazan: 5
01:12:35 Charlotte Woleslagle: 5
01:12:36 Angela Cooper: 5
01:12:36 Aura Fortaleza: 5
01:12:36 Pam Cadena: 5
01:12:36 Rosanne Marino: MP5 tools

01:12:37	Robert Eugene:	5	
01:12:37	Gabrielle Bertrand:		1
01:12:38	Lorie Huff:	5	
01:12:38	Ann Marie Goings:		5
01:12:38	Jolanta Sobolewska:		5
01:12:39	Emerlina Binuya:		5
01:12:39	Cynthia Thompson:		5
01:12:39	Susan Danskin:	5	
01:12:39	Dawn Furstenberg:		5
01:12:40	Wisnu Siwi Satiti:		5
01:12:40	Lisa Lambuth:	5, 4	
01:12:40	Daniel Irving:	5	
01:12:40	Galaxy J2 Core:	7	
01:12:41	Lisa Sheers:	5	
01:12:41	Josefina Ocampo:		5
01:12:41	Justin Klinger:	5	
01:12:41	Rachell Scott:	1,5	
01:12:41	Margaret Blankinship:		5
01:12:42	Myrna Cabrereros:	5	
01:12:42	Caroline Che Nee Foy:		5
01:12:43	Linda Koval:	2	
01:12:43	Charlotte Woleslagle:		7
01:12:44	Angela Cooper:	1	
01:12:45	Cheryl Ann Doyle E Barran:		3
01:12:45	Andrea Ogden:	3	
01:12:46	Allison Miller:	8	
01:12:48	dana dulzo:	7	
01:12:48	Dana Barile:	7	
01:12:48	Ann Marie Goings:		2
01:12:48	Denise Smith:	6	
01:12:49	Jenna Schmidtman:		2
01:12:49	Lisa Sheers:	2	
01:12:50	Rachel Ockner:	2	
01:12:50	Rebecca Zlotnik:		3
01:12:50	Galaxy J2 Core:	5	
01:12:50	Dawn Furstenberg:		2
01:12:51	Susan Hillman:	8	
01:12:52	Kate Welsh:	8	
01:12:52	Gabrielle Bertrand:		2
01:12:52	Daniel Irving:	7, 8	
01:12:52	Nicolette Nalu:	3	
01:12:53	MICHAEL KAROLEWICZ:		7
01:12:53	Emerlina Binuya:		2
01:12:53	Deborah Graves:	3	
01:12:53	Barbara Weidus:	3	
01:12:54	Catherine Cook:	2	
01:12:54	Christine Yokoyama:		6
01:12:55	Cynthia Thompson:		1
01:12:57	Caroline Che Nee Foy:		2
01:12:57	Aura Fortaleza:	7	

01:12:57	Carol Watson:	3	
01:12:58	Wisnu Siwi Satiti:	7	
01:12:58	Pam Cadena:	3	
01:12:59	Susan Danskin:	8	
01:13:01	Susan Hillman:	8	
01:13:04	Justin Klinger:	3	
01:13:05	Rosanne Marino:	persevere	
01:13:05	Rachell Scott:	1, 7, 8	
01:13:06	Rebekah Flanagan:	2	
01:13:07	Josefina Ocampo:	7	
01:13:08	Dana Barile:	#7, 8	
01:13:08	Jo Ann Luhtala:	Jo Ann Luhtala	7
01:13:09	Kathleen Dewey:	2	
01:13:10	Myrna Cabrerros:	3	
01:13:11	Mary France Imperial:	3	
01:13:13	Linda Koval:	4	
01:13:13	Kristi Foggo:	3	
01:13:14	Justin Klinger:	1	
01:13:14	Catherine Cook:	7	
01:13:14	Cheryl Ann Doyle E Barran:		4
01:13:16	Christine Yokoyama:	5	
01:13:16	Dana Barile:	7	
01:13:17	Angela Cooper:	3	
01:13:17	Charlotte Wolesslagle:	4,6	
01:13:17	Kate Welsh:	4	
01:13:18	Denise Smith:	7	
01:13:18	Josefina Ocampo:	4	
01:13:18	Jenna Schmidtman:	5	
01:13:18	Robert Eugene:	7	
01:13:19	Rebekah Flanagan:	4	
01:13:20	Lucila Lopez:	5	
01:13:20	Cynthia Juarbe:	3	
01:13:20	Nicolette Nalu:	3	
01:13:21	Mary France Imperial:	5	
01:13:21	Allison Miller:	7	
01:13:21	Dawn Furstenberg:	4	
01:13:21	Barbara Weidus:	7	
01:13:21	Florentia Spires:	37	
01:13:21	Susan Hillman:	7	
01:13:22	Sharon Black-MacKinnon:	4	
01:13:22	ALEX QUYENVO:	2	
01:13:23	Ann Marie Goings:	4	
01:13:23	Myrna Cabrerros:	2	
01:13:24	Daniel Irving:	2, 5	
01:13:24	Natasha Gambarov:	4	
01:13:24	Rodrigo Gutierrez:	5	
01:13:24	Wisnu Siwi Satiti:	4	
01:13:25	MICHAEL KAROLEWICZ:	5	
01:13:25	Cynthia Thompson:	4	
01:13:25	Florentia Spires:	7	

01:13:26	Lorie Huff:	4	
01:13:26	Beverly Turner:	2	
01:13:27	Rachell Scott:	1, 4, 6	
01:13:27	Denika Gum:	-4	
01:13:28	Aura Fortaleza:	6	
01:13:28	Marcie Schuler:	4	
01:13:29	Kristi Foggo:	2	
01:13:30	Lisa Sheers:	1	
01:13:31	Ann Marie Goings:		5
01:13:32	Andréa Chew:	4	
01:13:32	Rachel Ockner:	1, 7	
01:13:33	Andrea Ogden:	8	
01:13:33	Jolanta Sobolewska:		3
01:13:34	Justin Klinger:	1	
01:13:35	Jerra Wood:	5	
01:13:35	Laurie Lopez:	5	
01:13:37	Emerlina Binuya:		6
01:13:51	Linda Koval:	8	
01:13:52	Charlotte Woleslagle:	2	
01:13:53	Cheryl Ann Doyle E Barran:		7
01:13:53	Josefina Ocampo:	2	
01:13:53	Christine Yokoyama:	1	
01:13:53	Pam Cadena:	7	
01:13:54	Barbara Weidus:	2	
01:13:54	dana dulzo:	2	
01:13:54	Ann Marie Goings:		3
01:13:55	Andrea Ogden:	3	
01:13:55	Dana Barile:	2	
01:13:55	Peta-Gaye Benjamin:	2	
01:13:55	Florentia Spires:	2	
01:13:55	Beverly Turner:	7	
01:13:55	Lisa Sheers:	7	
01:13:55	Denise Smith:	7	
01:13:55	Jenna Schmidtman:		7
01:13:57	Rodrigo Gutierrez:		3
01:13:57	Aura Fortaleza:	3	
01:13:57	Denika Gum:	8	
01:13:57	Myrna Cabrerros:	3	
01:13:57	Catherine Cook:	8	
01:13:57	Gabrielle Bertrand:		7
01:13:57	Maria Jenny Duppins:		5
01:13:57	Deborah Graves:	7	
01:13:58	Jolanta Sobolewska:		8
01:13:58	Marcie Schuler:	7, 8	
01:13:59	Bonnie Angel:	7	
01:13:59	Dawn Furstenberg:		7
01:14:02	JAMES FIRTEK:	7	
01:14:02	Rebekah Flanagan:		8
01:14:03	Sharon Black-MacKinnon:	8	
01:14:03	Gabrielle Bertrand:		1

01:14:03	Linda Koval:	5	
01:14:04	Kristi Foggo:	7	
01:14:04	Andrea Ogden:	4	
01:14:05	Lisa Sheers:	5	
01:14:05	Kate Welsh:	5	
01:14:05	Bonnie Angel:	5	
01:14:05	Marcie Schuler:	5	
01:14:06	Clare Harrington:	5	
01:14:06	Ann Marie Goings:	4	
01:14:06	Josefina Ocampo:	4,5	
01:14:06	Aura Fortaleza:	4	
01:14:06	Allison Miller:	4	
01:14:06	Caitlin Almazan:	4	
01:14:06	Cheryl Ann Doyle E Barran:	4,5	
01:14:07	dana dulzo:	5	
01:14:07	Dawn Furstenberg:	4	
01:14:08	Natasha Gambarov:	5	
01:14:08	JAMES FIRTEK:	4	
01:14:08	Barbara Weidus:	5	
01:14:09	Jada Pearson:	5	
01:14:09	Denise Smith:	4	
01:14:09	Rodrigo Gutierrez:	4,5	
01:14:09	Dana Barile:	4, 5	
01:14:09	MICHAEL KAROLEWICZ:	5	
01:14:09	Myrna Cabreros:	4	
01:14:09	Jenna Schmidtman:	4	
01:14:09	Jolanta Sobolewska:	5	
01:14:10	Beverly Turner:	5	
01:14:10	Rebecca Zlotnik:	5	
01:14:10	Catherine Cook:	5	
01:14:10	Lorie Huff:	5	
01:14:11	Daniel Irving:	4, 5	
01:14:12	Rebekah Flanagan:	4	
01:14:12	Angela Cooper:	4	
01:14:12	Wisnu Siwi Satiti:	5	
01:14:13	Denika Gum:	4, 5	
01:14:13	Linda Koval:	3	
01:14:14	Caitlin Almazan:	3	
01:14:14	beth blumberg:	3	
01:14:14	Gabrielle Bertrand:	3	
01:14:14	Bonnie Angel:	3	
01:14:14	Denise Okegbola:	3	
01:14:14	Dana Barile:	3	
01:14:15	Lisa Crawford:	3	
01:14:15	Ann Marie Goings:	3	
01:14:15	Rebecca Zlotnik:	3	
01:14:15	Rosanne Marino:	MP4	
01:14:15	Charlotte Woleslagle:	4	
01:14:16	Clare Harrington:	3	
01:14:16	Jenna Schmidtman:	3	

01:14:16 Natasha Gambarov: 3
01:14:16 Josefina Ocampo: 2,3
01:14:16 Andrea Ogden: 1
01:14:16 Dawn Furstenberg: 3
01:14:16 Beverly Turner: 3
01:14:17 Lisa Sheers: 3
01:14:17 Denika Gum: 3
01:14:17 Marcie Schuler: 3
01:14:17 Kate Welsh: 3
01:14:17 Barbara Weidus: 3
01:14:17 Jerra Wood: 3
01:14:18 Daniel Irving: 3
01:14:18 Allison Miller: 3
01:14:18 Dave Hankin: 3
01:14:19 Lorie Huff: 3
01:14:19 Kathleen Dewey: 3
01:14:19 Jolanta Sobolewska: 3
01:14:19 Rosanne Marino: 7-MP3
01:14:19 Justin Klinger: 4
01:14:20 Deborah Graves: 4
01:14:20 Denika Gum: 3
01:14:21 Cheryl Ann Doyle E Barran: 3
01:14:21 Emerlina Binuya: 3
01:14:21 Aura Fortaleza: 3
01:14:21 Catherine Cook: 3
01:14:22 Rebekah Flanagan: 3
01:14:22 Kathleen Dewey: 1
01:14:24 Wisnu Siwi Satiti: 3
01:14:25 Kristi Foggo: 3
01:14:27 Jo Ann Luhtala: Jo Ann Luhtala 3
01:14:27 Dave Hankin: 3
01:14:30 Christine Yokoyama: 23
01:14:32 Denise Smith: 3
01:15:17 Linda Koval: I think my department head has this book.
01:15:55 Jada Pearson: It's a great book!
01:16:33 Andrea Ogden: Reason abstractly and quantitatively
01:16:37 Linda Koval: 1
01:16:37 Pam Cadena: for question #2---MP1
01:16:38 Josefina Ocampo: 2
01:16:40 Dawn Furstenberg: 2
01:16:41 Andrea Ogden: Construct viable arguments
01:16:42 Jenna Schmidtman: 1
01:16:44 Natasha Gambarov: 1
01:16:46 Bonnie Angel: 8
01:16:48 courtney dickerson: 3
01:16:49 Wisnu Siwi Satiti: 1
01:16:49 Andrea Ogden: attend to precision!
01:16:49 Gabrielle Bertrand: 3
01:16:50 Catherine Cook: 2,3
01:16:51 Jolanta Sobolewska: 2

01:16:52 Allison Miller: 3
 01:16:53 Jenna Schmidtman: 5
 01:16:54 Rachel Ockner: 7
 01:16:56 Rebekah Flanagan: 4
 01:16:56 Dave Hankin: 3
 01:16:56 Barbara Weidus: 6 for vocab
 01:16:56 Cynthia Thompson: 3
 01:16:57 Cynthia Juarbe: 5
 01:16:58 Andrea Ogden: look for and make use of structure
 01:16:59 beth blumberg: 7
 01:17:01 Emerlina Binuya: 3
 01:17:01 Denise Okegbola: 2'3
 01:17:01 dana dulzo: 3
 01:17:01 Aura Fortaleza: 7
 01:17:02 Deborah Graves: 2
 01:17:02 Daniel Irving: 2
 01:17:03 Kristi Foggo: 2
 01:17:03 Nicole Sosler: 7 - Kids have to make use of structure in thinking
 about what the numerator and denominator mean and how to use them to compare
 01:17:03 Rosanne Marino: Reason abstractly then return to actual prob
 01:17:04 Lisa Sheers: 7
 01:17:05 Cherish Alberts: 3
 01:17:05 Rachell Scott: 1, 2 ,3
 01:17:09 Sharon Black-MacKinnon: 2
 01:17:12 Jet Yeung: 1 and 2
 01:17:12 Dave Hankin: 3
 01:17:12 Cynthia Thompson: 1
 01:17:17 Mary Rose Portugal: 3, 6, 7, 8
 01:17:18 Christine Yokoyama: 1, 5
 01:17:25 Jo Ann Luhtala: Jo Ann Luhtala 3
 01:18:27 Andrea Ogden: This is incredible. This is really helping me
 streamline my thinking for teaching with more intentionality.
 01:18:39 Jennifer Bay Williams: Thanks, Andrea!
 01:18:39 Maria Jenny Duppins: 1,2, 4,5
 01:18:46 Cynthia Juarbe: 4,5
 01:18:47 Caren Rawlins: 1,2,4
 01:18:53 Dave Hankin: 5
 01:19:07 Caitlin Almazan: 5-What are some tools you could use to help
 you solve this problem?
 01:19:07 Pam Cadena: I completely agree with @Andrea! This is
 outstanding! This is also so doable virtually.
 01:19:10 Rosalind Brown: MP 4 How many ways can you represent your solution
 01:19:11 Lisa Crawford: 5 What tools do you have in your toolkit that might
 be helpful?
 01:19:15 Cynthia Juarbe: what operations do you think we are using when we
 are cutting the pieces
 01:19:15 Susan Danskin: 4 How could you model your solution?
 01:19:16 Kathleen Dewey: 2 - how did you decide to break up the pieces?
 01:19:16 Rebecca Zlotnik: It might be interesting to change the units
 up to use MP6...

01:19:16 Barbara Weidus: 8 the structure of the problems - How are these problems similar? Different?

01:19:17 Emerlina Binuya: 5

01:19:17 Beverly Turner: 5 How did solving it with Cuisenaire differ from solving it with a number line?

01:19:17 Dana Barile: What manipulatives could we use to help us start?

01:19:18 Thy Dinh: 4, which visuals would support your thinking

01:19:19 Rosanne Marino: Using any math tools you wish, show your classmates how many part you would have?

01:19:19 Caren Rawlins: How might you use diagrams to solve?

01:19:21 Rachel Ockner: 4: How might we model this situation with a picture?

01:19:21 Lucila Lopez: 4. What manipulative or picture might you use to solve this problem?

01:19:21 Natasha Gambarov: 4, what are some strategies could you use if you had an actual ribbon

01:19:25 MICHAEL KAROLEWICZ: 2, What strategy could you use to compare the strips to the length of ribbon?

01:19:28 Catherine Cook: 2, how could you represent your thinking?

01:19:30 Carol Watson: 4: What are some ways that you could represent this as an equation?

01:19:32 Emerlina Binuya: 5

01:19:34 dana dulzo: MeP4- cut pieces of paper and try to fit

01:19:38 Dana Whetstone: MP4: What models have we learned that can help you visualize this problem?

01:19:39 Denise Okegbola: 2- what were some of the tools you would use to solve this problem

01:19:40 Jolanta Sobolewska: 7 how do you understand this problem?

01:19:42 Andrea Ogden: What relationships might you notice in the numbers?

01:19:44 Gabrielle Bertrand: 1 are some ways you could represent this with a visual?

01:19:47 Jada Pearson: What strategies might you use to make sense of these questions?

01:19:55 dana dulzo: meant MP5

01:19:57 Lisa Sheers: How might you model this situation?

01:20:00 Sharon Black-MacKinnon: What tools could you use to solve this problem? - 5

01:20:01 Jerra Wood: 8 - In what ways are these problems similar?

01:20:06 Emerlina Binuya: 2

01:20:08 Lisa Sheers: How does problem 1 relate to problem 2

01:20:16 Christine Yokoyama: How might you use a number line to find the answer to these problems?

01:20:17 Lisa Sheers: What are you visualizing?

01:20:42 Kristi Foggo: What connections can you make between the different problems?

01:20:49 Gabrielle Bertrand: OH!!! So when you are asking What do you notice or wonder, you are asking about MP1? Awesome!!

01:20:55 Aura Fortaleza: What are the possible resources you might need to find how many ... ?

01:21:18 Linda Koval: I've never thought about asking questions in such a way that focuses on the mathematical practices which I have it on my wall!

01:21:38 Gabrielle Bertrand: Me too Linda!!!
01:21:41 Pam Cadena: Preplanning my questions---at least some of them
01:21:47 Aura Fortaleza: Be intentional when posing questions
01:21:48 Cindy Bryant: Great presentation Maggie and Jennifer!!!
01:21:48 Caroline Che Nee Foy: Asking open ended questions that will
provoke thinking
01:21:52 Catherine Cook: it shifts our expectations of what answers we want
from our students
01:21:53 Pamela Redd-Crowell: I think this will make students use their
critical thinking skills.
01:21:56 Cynthia Juarbe: utilizing the math practice to pose questions
01:21:57 Lucila Lopez: I think this definitely makes the lesson more
student-driven
01:22:03 DaiTrang Phan: I will be thinking about the tips for posing
questions when I write my questions in the future.
01:22:07 Linda Koval: Thank you both for an amazing session!
01:22:08 Kathleen Dewey: Being more intentional about the SMPs during
planning - using the structure with the bubbles you showed us should help
01:22:16 Sharon Black-MacKinnon: Be more intentional with the questions I ask

01:22:19 Gabrielle Bertrand: Yes def pre-plannng questions! And maybe
using a chart to make sure that I am asking of all MPs!
01:22:19 Barbara Weidus: Thank you for walking us through these MP and
questioning practices
01:22:20 Galaxy J2 Core: Thank you
01:22:21 ALEX QUYENVO: thank you !
01:22:22 Amanda Brown: I like the idea of posing questions that require the
student or teacher to think.
01:22:25 Aura Fortaleza: Questions must encourage the students to think
01:22:31 Rosanne Marino: Ask guided, open ended questions which lead to
students making connections to math they have learned in past.
01:22:31 SYBIL EGGLESTON: Thank you!
01:22:32 Linda Gann: Thank you!
01:22:32 Caren Rawlins: To be moe focused on MPs and using them as I plan
01:22:32 Lucila Lopez: Thank you both for this amazing session!!
01:22:34 Vasiliki Balaskas: Thank you!
01:22:34 Maximo Gimeno: Thank you so much.
01:22:36 Rachel Ockner: I'm excited to use these - thinking about how I can
question effectively in an online setting and reach ALL students
01:22:36 JAMES FIRTEK: Thank you!!!
01:22:37 Christine Yokoyama: Thank you
01:22:38 Kathleen Dewey: What might be some best "first steps" into shifting
my practice?
01:22:38 Nora Marasigan: Thank you so much to both of you!
01:22:42 Emerlina Binuya: Be more students driven questions.
01:22:44 Jerra Wood: Thank you! Good to see you both again!
01:22:48 Diane Anderson: Thank You so much!
01:22:48 Jolanta Sobolewska: I will help me to plan my questions and ask
questions to students.
01:22:50 Thy Dinh: intentionality around practices and questioning to

support the practices

01:22:53 Rebekah Flanagan: Thank you for these great ideas!

01:22:55 Carol Watson: provides clarity

01:22:56 Mohamed T: thanks so much!

01:22:57 Denise Okegbola: Definitely being more intentional in questioning and asking deeper and more open ended questions

01:22:59 Natasha Gambarov: Thank you very much for this very informational webinar! I have learned how I can create engaging discussions in math and in all subjects, with the power of asking open ended questions

01:23:00 Linda Koval: What are some of the strategies you have for students who will not engage when you ask questions?

01:23:03 Emerlina Binuya: Thank you! Great presentations.

01:23:06 Lisa Sheers: I love having guidance to use the math practices to plan for open ended questions

01:23:07 Ann Vincent: Thanks! Well done!!!

01:23:08 Jada Pearson: You are positioning us positively with your question - this really changed my thinking about my own use of questioning.

01:23:10 Gabrielle Bertrand: Recording kids answers will help assess their MPs

01:23:10 Denise Walston: as you pose questions for teachers in a coaching stance, how might you use some of those similar stems to bear down on the mathematical practices. we focus so much on content but focusing on the practices can lead to deeper understanding

01:23:13 Florentia Spires: Thank you so such an informative session!

01:23:15 Beverly Turner: I would probably pick 1 or 2 tips, focus on them until them become habit.

01:23:16 Erica Dieden: I love the ideas given here tonight! Thank you!

01:23:16 Carol Matsumoto: Thank you both! Thanks Trena.

01:23:18 Ramona Hall: Thank you. Very helpful!

01:23:18 Angela Wilson: Thanks, I will be using the tips to pose better critical questions for my students to help them explain their math reasoning.

01:23:19 Pam Cadena: Thank you so much! Another outstanding NCTM webinar!

01:23:19 Wisnu Siwi Satiti: open ended question that encourage students to think and give reasoning

01:23:21 Patricia Daugherty: Thank you. This is very helpful.

01:23:21 Maria Padiernos: Thank you...can't wait to get the book and start using in my classroom

01:23:23 Kristi Foggo: Thank you for the information that has been shared.

01:23:25 Cherish Alberts: I teach in a very Socratic manner, and this has been amazing for helping me change my questioning!! Thank you so much!!

01:23:27 Stephenia Courtney: clarification and productive struggle

01:23:27 Jet Yeung: Thank you. This is so helpful for asking questions. This is great information and skills.

01:23:32 Lindsay Tasker Barker: Great ideas tonight! Thank you

01:23:34 Denise Walston: thank you Jennifer and Maggie

01:23:38 Nadine Richards-Ramsey: Thank you! Great information!

01:23:39 Debbie Meaney: Thank you for a great session.

01:23:39 Nell Thurlow: Excellent webinar, thank you!

01:23:42 Stephenia Courtney: Thank you!

01:23:44 Catherine Cook: how do these questions look like as we move from K-8
do develop continuity throughout the school?

01:23:44 Marisol Guzman: Thank you very much.

01:23:45 Denise Walston: great session

01:23:45 Kendra Edwards: Thank you!! This was a fantastic presentation.

01:23:46 Jet Yeung: Thanks for sharing

01:23:49 Thy Dinh: Thank you!

01:23:50 Estelito Reyes: Thank you!

01:23:56 Lance Brauchla: Thank you...enjoyed your perspective.

01:23:56 Sharon Black-MacKinnon: Thank you so much, spectacular webinar!

01:23:59 Michelle Hall: Thank you!

01:23:59 Jamie Rossi: I'm looking forward to trying out these questioning
strategies with my family and students!!

01:23:59 Rachell Scott: Thank you! Great presentation Ladies!!

01:24:01 Carol Watson: better able to anticipate student struggles and have
questions prepared

01:24:06 Laurie Lopez: Padlet is a great way for students to share answers

01:24:11 Mary Ann Keiser: Great session! Thank you!

01:24:13 Georgina Coffin: Thank you! Great information and ideas!!

01:24:14 Daniel Irving: Thank you for this incredible presentation,
resources, and information!

01:24:16 Sharon Bentkowski: A jam packed hour leaving me much to think
about!

01:24:20 Marni Peavy: This was great and usable! Thank you!

01:24:20 Caren Rawlins: Very helpful webinar. Thank you.

01:24:23 Gloria BrownBrooks: Thank You for aligning the practices to
these strategies

01:24:24 Ulysses Cendejas: Great question

01:24:29 dana dulzo: Thank you for letting me work through this process
during your presentation.

01:24:29 Lorie Huff: Thank you for sharing this helpful information.

01:24:33 Caitlin Almazan: Thank you all so much!

01:24:38 Cynthia Juarbe: thank you so much this was awesome

01:24:38 Beth Balach: Thank you!

01:24:42 Gabrielle Bertrand: Well organized and presented—super
professional and very very useful!!!!

01:24:47 Rosanne Marino: Kids are very cautious about Padlet because others
can see their responses

01:24:50 beth blumberg: I have a bunch students who turn off their video...
any suggestions?

01:24:52 Mary Rose Portugal: Start the discussion with children's
interests.

01:24:54 Patricia Johnston: We encourage students to ask questions,
let's give them a some tips to pose their questions.

01:24:55 Alma Miho: I love this approach towards coaching and teaching

01:24:56 Lisa Lambuth: This gave me lots of ideas to ponder and use. Thank
you!

01:24:59 Sabrena Maspero: awesomeness! thank you

01:25:01 Beth Brennan: Thank you! Great presentation!

01:25:03 Alma Miho: Thank you

01:25:04 Lisa Sheers: Great webinar! I love seeing the coaching position alongside the teacher thinking.

01:25:05 Nancy Cooper: Thank you!!

01:25:08 Carly Jardinier: Thank you for the presentation!

01:25:10 Linda Koval: Thank you!

01:25:21 Lindsay Tasker Barker: You can get students to share by asking for a fact from the problem...accept anything that is correct and build their confidence

01:25:22 Allison Miller: Great session! I've learned some great tips!

01:25:22 Rachell Scott: Thank you!!

01:25:24 Dawn Furstenberg: Thank you so much for this presentation!

01:25:25 Harry Bangura: Harry A . Bangura - MD Thank you, very helpful.

01:25:26 Mindy Howard: Thank you.

01:25:30 Carol Watson: thank you

01:25:30 LEENA Ravi Chandran: thank you very much for this session

01:25:30 Pamela Redd-Crowell: Useful information...thank you

01:25:31 kim bolf: Thank you so much!!!

01:25:31 Marcie Schuler: Thank you!

01:25:32 Zaynab Abdullah Muhammad Abdullah Muhammad: thank you

01:25:33 Jennifer West: Thank you!

01:25:34 Susan Danskin: Thank you for great strategies to focus my questioning strategies

01:25:34 Wendy Iacobucci: Thank you!

01:25:35 Jolanta Sobolewska: thank you

01:25:36 Tanya Landry: Thank you!

01:25:36 Nicole Maier: Thank you!

01:25:37 Eduardo Enjambre: Thank you so much.

01:25:37 Jenna Schmidtman: Thank you!

01:25:38 Julie Hutchinson: Thank you!

01:25:38 Aura Fortaleza: thank you so much!

01:25:39 Mary simmons-chatmon: Excellent presentation

01:25:40 Caroline Che Nee Foy: Thank you

01:25:40 Scott Ing: thanks ladies!

01:25:43 Ray Mark Cariquez: Thank you for this great webinar!

01:25:43 Maria Jenny Duppins: Thank you!

01:25:44 beth blumberg: Stay healthy!

01:25:44 Francis Kisner: Thank you. Lots to think about.

01:25:45 Rhonda Slater: Thanks for an amazing webinar :)

01:25:46 Sucheta Shetty: Thanks

01:25:47 Rodrigo Gutierrez: Thank you Jenny! See you in January at MEAD!

01:25:48 MICHAEL KAROLEWICZ: Excellent presentation ... thanks!

01:25:48 Eboney McKinney: Thanks

01:25:50 Andrea Ogden: This has been so inspiring during a time that feels kind of icky.

01:25:51 Sandra Pech: Thank you

01:25:52 Laurie Lopez: thank you so much for this session! I would love to have a follow-up presentation where we would be able to practice questioning strategies

01:25:53 Margaret Blankinship: Thanks

01:25:54 Mary Rose Portugal: Thanks for a great webinar! Great tips!

01:25:55 Josefina Ocampo: Thank you!

01:25:55 Donna Misciagna: Thank you!
01:25:58 Aya Zvaigzne: Wonderfully useful webinar. Thank you.
01:25:59 Shari Kaku: Thank you so much!
01:26:00 Jo Ann Luhtala: Jo Ann Luhtala, Thank you for this wonderful session! I always spend time planning my questions, but you pushed me to think about not just quality, but using different ways to pose the question to reach more students.
01:26:01 kim Dang: Thank you so much for the tips
01:26:02 Gabrielle Bertrand: Clapp clap
01:26:03 Patti Hodges: Thank you!
01:26:03 Emily Kavanagh: Thanks so much
01:26:05 Rachel Ockner: Thank you!!
01:26:05 Dave Hankin: Thank you from Globe, AZ!
01:26:05 Denise Walston: thank you
01:26:06 Rita Shamrock: Thank you great presentation
01:26:07 Justin Klinger: Thank you.
01:26:11 Ana Cristina Sanz Gomez: thank you
01:26:12 Ulysses Cendejas: Thank you
01:26:13 LF W: Thank you!
01:26:16 sandra bagadiong: thank u for sharing ur expertise with us
01:26:17 Beverly Turner: Really thought provoking, thank you!
01:26:18 Andrea Ogden: Also, thank you both. This was phenomenal. Maggie, you came and presented to us at FCPS and watched me do a slow reveal graph routine!
01:26:18 jill brown: thank you
01:26:21 Deborah Graves: Thank you so much! This was so informative.
01:26:22 Melissa McDaniel: thanks!
01:26:34 Andréa Chew: Thanks!
01:26:35 Andrea Ogden: We wish you were going to be able to come back this year. xoxo
01:26:42 Gauri Kulkarni: Thank you for the great session
01:26:45 Teresea Jones: Thank you!
01:26:47 Rosanne Marino: This was a great refresher of the MP's. You should give a Certificate of professional development with each book sold!
01:26:48 Marissa Heitman: see you Monday yay
01:26:52 Jennifer Bay Williams: Thanks to all of your!!
01:26:56 Chonda Long:
<https://www.nctm.org/Store/Products/Everything-You-Need-for-Mathematics-Coaching--Tools,-Plans,-and-a-Process-that-Works-for-An-Instructional-Leader,-Grades-K-12/>
01:27:02 Honey Sacro Swem: Thank you for sharing your expertise. Will share with teachers in my district.
01:27:02 Comfort Akwaji-Anderson: Thank you!
01:27:06 Olga Kosheleva: Thank you!
01:27:07 Wisnu Siwi Satiti: Thank you Maggie and Jenni! Such an excellent session. So many useful and practical tips. I'm learning a lot today. Thank you everyone!
01:27:07 Jennifer Bay Williams: I mean, thank you - all of you!
01:27:08 courtney dickerson: thank you ! this was a great session
01:27:14 Lesly Brown: Thank you! I really enjoyed learning with you.
01:27:29 David Barnes: <http://www.nctm.org/coaching>
01:27:32 Clarissa Rothe: Thank you!

01:27:34 Betty Stallings: Thanks you. A lot of info to use.
01:28:11 Jennifer Bay Williams: Thanks, Gretchen!
01:28:12 Kathleen Morris: thank you!! Another outstanding session,
Jenny and Maggie!!
01:28:25 Maggie McGatha: Thanks everyone!!
01:28:28 Faith Peddie: Here is some more information on this month's issue
of MTLT
https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/MTLT_eTOC_Aug.pdf
01:28:32 Marni Peavy: I bought the book during the session! Yay!!
01:28:40 Beth Kobett: Great job Jenny and Maggie! :)
01:28:52 Faith Peddie: Here is some more information on this month's issue
of MTLT
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01:28:57 Jennifer Bay Williams: Thanks Marni!
01:29:07 Rosalyn Bantay: thanks everyone..
01:29:16 Maggie McGatha: Thanks Beth!!!
01:29:22 Cheryl Ann Doyle E Barran: thanks thank s thank you
01:30:11 Todd Smallcanyon: good session
01:30:23 Trena Wilkerson: Fabulous session!
01:30:28 Sabrena Maspero: so awesome! thank you all so much.
01:30:33 Wisnu Siwi Satiti: Thank you so much everyone!
01:30:38 Amanda Brown: Awesome presentation. Thank you ladies.
01:31:16 Andrea Ogden: Also, thank you both. This was phenomenal. Maggie,
you came and presented to us at FCPS and watched me do a slow reveal graph routine!

01:31:27 Caroline Che Nee Foy: Great session