Kristin Keith:Where is everyone from?

Carol Fare:Franklinville, New Jersey

Kate Okrongly:Phoenix, AZ

Karen Mochan:Old Forge, PA

Mariel Richter 2:Clayton, NC

Kevin Spry:Brantford, ON

Jennifer:Black Mountain, NC

Yichen Zhang:Ann Arbor, MI

Robert O'Connell:Springfield, MA

Sunni Burns:virginia beach VA

Sonja Collins :Charlotte, NC

Laurie Eyre:Fairfield, Iowa

Sheri Brittenham:Bowling Green Kentucky

Anna VanderLugt:San Mateo, CA

Drew Wartschlager:Bardstown, KY

Ryan Estrada:Houston, TX

Michele Renner:Saratoga Springs, NY

LaJuanda Bland:Richmond, VA

Daniel Irving:North Providence, RI

Gregg Kahle:Portland, OR

Chrystina Harich:Kearns, UT

Stacy Wozny:Mooresville, NC

Deborah Gemoets:Gloucester, VA

Ralph Hameni Bieleu:Chantilly, VA

Christina Colello:Christina Colello Southbridge, MA

Evelyn Kemp:Conroe, Tx

Jillian Cohen:Washington DC

Lakenya Francis:Perth Amboy, NJ

Dawn Ferriolo:Middletown, NY

Anne-Marie Pasquale:Pleasantville, NY

Maryann Landers:youngstown, ohio

Stacie Kyhn:Apache Junction AZ

Tiffany Spradling:Sanford, FL

Jade Benjamin :Killen (Central Texas, TX

Comfort Akwaji-Anderson:Comfort Akwaji-Anderson: Iowa City, IA

Jose Mai:Jose Mai - Corozal, Belize

Melanie Webb:San Diego, CA

Tina Hill:Northeast TN

Melanie Wiederhold:NYC

Jill Gough:Hi Tina!

Susan Miles:Susan Miles: Galena, IL

Tina Hill:Hi, Jill!

Margaret King:Margaret King Hackensack, NJ

Joan Hecht:Joan Hecht, Mason,OH

Kristen Hallerud:Kristen Hallerud: Greenwood SC

Vicki McCollum:Vicki McCollum: Severn, MD

Anthony Piparo:hi from NJ

Robbi Berry:Robbi Berry: Las Cruces, NM

Helen Kilgour:Melbourne Aust

Michele Renner:seeing the students again!

Jennifer:What do you most look forward to as a new school year is starting?

Kristen Hallerud:Improving from last year

Katie Syvrud:Having a fresh start to try new things!

Cheryl Sanders:Bringing in new ideas and the fresh start

Laurie Eyre:learning about my students

Yichen Zhang:Improving as a teacher!

Kate Okrongly:Testing new strategies to see if I get better results.

Robert O'Connell:Working with new students.

Mariel Richter 2:First year in an admin spot so I am excited to learn a lot this year!

Brian De Wolf:A renewed commitment to pursuing what works best as a district

Sunni Burns:new school for me!

Stacy Wozny:Working in Math PLCs on the Teaching Practices

Will Suttles:The light of understanding flashing in the eyes of students

Sheila Brookshire:I am retired, but consulting with teachers

Kevin Spry:new beginnings

Stacie Kyhn:Interacting with students

Raquel Ramirez:Students!

Karen Mochan:Meeting new students and trying different activities.

Tina Hill:Implementing strategies learned during the summer.

Chrystina Harich:trying new and different ideas and methods

Ryan Estrada:Use technology in my classroom as much as I can.

Jade Benjamin :Seeing the students and working on my craft

Christina Colello:Trying new methods to teach

Melanie Wiederhold:Learning and trying new methods

Joan Hecht:getting my students excited about math

Lakenya Francis:I look forward to implement all the new research I've learned over this summer... partciularly the 5 practices

Tiffany Spradling:Discourse as a means to reach all learners

Anna VanderLugt:collaborative work and developing math flexibility and growth mindset

Dawn Ferriolo:Mweting my new students.

Regina Washington:new technology

Susan Miles:Starting out with fresh ideas

Sonja Collins :I look forward to using the instructional programs I learrned over the summer.

Jill Gough:Love "renewed experience"

Robbi Berry:Working with my students and colleagues

Jill Gough:We

Carol Fare:seeing my students and making a connection and learning new techiques to help them learn

Hannah Willis:Meeting new students and inspiring them to reach their potential!

Ralph Hameni Bieleu:HAve an imrovement in students reasoning

Melanie Webb:new ways to present lessons using technology since I piloted paperless lessons last year (all chromebooks)

Margaret King:New beginnings. Trying out new idea! New group of student.

Evelyn Kemp:new learning

Comfort Akwaji-Anderson:Students, teachers and families

Jill Gough:We have talked about refresh, renew, reflect.

Jose Mai:Getting new ideas to implement in the classroom.

Rebecca Goodman:trying new things

Joshua Ahlgrim:Finding new ways to teach and help students practice content

LaJuanda Bland:Implementing the curriculum unit I wrote with Yale Univeristy...

Doreen Papanos:Doreen Papanos: Math teacher, 22 years of teaching. I look forward to seeing the students and starting a new year of positive attitudes toward math!

Deidra Baker:new tech

Patty Manning:math coach

Sherry Everding:St. Louis, MO

Yichen Zhang:Yay!

Diepriye Brown-West:Diepriye Brown-West. 4 years as a teacher and over 10 years in education

Anicia Hibdon:Professional math tutor, Stockton, CA

Joseph Prevost:Math Teacher, Phoenix, Az

Sherry Everding:Learning & growing together with my students.

Doreen Papanos:having a hard time hearing this speaker

Comfort Akwaji-Anderson:It is difficult to hear you

Lakenya Francis:I am having a hard time hearing as well

Sonja Collins :I can barely hear you

Laurie Eyre:trouble hearing

Christina Colello:diffficult to hear you clearly

Susan Miles:I am also struggling to hear

Raquel Ramirez:really hard to hear you

Karen Mochan:Very difficult hearing you

Susan Miles:can we have access to these slides?

Margaret King:Your audio is coming in and out of audible tones

Kristin Keith:We will post a recording of the webinar, but not the slides

LaJuanda Bland:Handouts link???

Doreen Papanos:no

Yichen Zhang:yup

Alison Semanision:yes

Doreen Papanos:lots of reverb & echo

Jennifer:http://bit.ly/nctmlive815

Anicia Hibdon:Is it a headset or handheld microphone? Seems that it is too far away from the speaker...

Kathleen Campbell:Where is the google doc

Deborah Gemoets:trial and error

Stacy Wozny:Google Doc says we need to request permission

Tiffany Spradling:trial and error

Diepriye Brown-West:1/3=3/09=2/6

Robbi Berry:guess and check

Cheryl Sanders:Figured the 9 would be the hardest, so seeing the two digit, went for 9/18 first, and then did other halves.

Ryan Estrada:Same.

Michele Renner:1/2, 5/10, 2/4

Jennifer:Google Doc link: http://bit.ly/nctmlive815

Jennifer:If you'll refresh, you can edit now.

Stacy Wozny:trial and error 3/6 9/18 2/4

Daniel Irving:2/4 = 5/10 = 3/6

Yichen Zhang:1 seems precious

Cheryl Sanders:So 3/6, 9/18, 2/4

Robert O'Connell:3/4 =9/12 = 6/8

Karen Mochan:Requested access for google doc

Melanie Webb:the Google doc is locked

Deborah Gemoets:1/2; 7/14, 3/6

Hannah Willis:Find multiples - 1/2 then multiply numerator and denominator by 2 to get 2/4, multiply by 5 to get 5/10

Maryann Landers:9/18,3/6,2/4

Will Suttles:1/2=9/18=3/6

Sheila Brookshire:3/6, 9/18,2/4

Ryan Estrada:3/6 = 5/10 = 4/8

Susan Miles:4/6 8/12 2/3

Robbi Berry:2/6=4/12=1/3

Kathleen Campbell:2/3=8/12=4/6

Jose Mai:1/3 = 5/15=2/6

Sheila Brookshire:Started with the middle one

Joseph Prevost:I need permission to access the google doc

Melanie Webb:but you can only use each digit once

Stacy Wozny:Began with the fraction in the middle-looking for fractions that simplify

Ryan Estrada:I started in the middle and used 0 for the ones place

Joshua Ahlgrim:2/4, 5/10, 3/6

Susan Miles:Oops...My fault . I used a 2 twice

Jennifer:https://docs.google.com/document/d/1mASJIW6DGI_oXF3V-pnFAZh27vps2xvMi059RhnwkDA/edit

Deborah Gemoets:I used 1 twice...

Melanie Webb:several answers are using 1 twice

Joshua Ahlgrim:I started with 1/2

Robert O'Connell:Start with a fraction in simplifed form and multiply both numerator and denominator by the same value without repeating a digit

Alison Semanision:I began with simplified fractions and then thought about multiples

Kathleen Campbell:yu cannot use a digit mre than once, correct

Christina Colello:3/4, 9/12,6/8

Dawn Ferriolo:1/2 7/14, 3/6

Ryan Estrada:I love this. A brain teaser for students for the 1st day.

Kathleen Campbell:Do they need to be whole numbers?

Sonja Collins :I was thinking the same thing Ryan Estrada

Tiffany Spradling:there are a ton of great problems like this on the Open Middle site

Ryan Estrada:Thank you Tiffany. I learned this from my district's PD.

Jennifer:Here is the link to the Open Middle task we just used: http://www.openmiddle.com/finding-equivalent-fractions/

Sonja Collins :Thank you

Doreen Papanos:thank you Jennifer

Sunni Burns:wow she has my name lol

Ryan Estrada:Thank you.

Christina Colello:thank you jennifer!

Sheila Brookshire:No audio

Sheila Brookshire:no audio

Sunni Burns:audio find here

Sunni Burns:fine

Sheila Brookshire:it is back

Kevin Spry:number lines are interesting way to compare equivalent fractions

Yichen Zhang:so one key takeaway for me is to not translate for students but have them clarify

Sherry Everding:@Yichen - I agree!

Margaret King:Yichen - agreed!

Alison Semanision:Yichen-Yes!

Kathleen Campbell:Will these slides be available

Deidra Baker:I love number lines for fractions, I also love making fraction bars using the table function in a word document. Make 1x ? table and if you don't change the margins you can show how many parts of the whole you have. they visually look like cusienare rods and you can think of different size "wholes"

Kristin Keith:A recording will be available, we will not post the slides. sorry!

Jill Gough:The Illustrative Mathematics task, Running Laps, is found here: https://www.illustrativemathematics.org/content-standards/tasks/971

Telannia Norfar:what is the link to the google doc? I arrived late.

Jennifer:https://docs.google.com/document/d/1mASJIW6DGI_oXF3V-pnFAZh27vps2xvMi059RhnwkDA/edit

Hannah Willis:They ran an equal distance! 1/4of a mile and 3/12 of a mile, which also reduces to 1/4

Ryan Estrada:They ran the same distance.

Tina Hill:I used the number line...but I knew 3/12 was the same as 1/4

Christina Colello:1 lap around school = 1/4 mile. 3 laps around playground = 3/12 mile

Cheryl Sanders:maybe two lines, divided up to show how many laps make a mile in each location, then color in the number of laps they each did

Dawn Ferriolo:Neither one is right. They ran the same distance 1/4 = 3/12.

Margaret King:They ran the same amount. 1/4 is what Cruz ran. 3/12 is what Erica ran .. 3/12 reduced is 1/4

Patricia Katis:They ran the same distance

Evelyn Kemp:Diedra - number lines are great visuals.

Michele Renner:I drew 2 bar models - Cruz has a bar in 4 parts, one is shaded. Erica has a bar broken into 12 pieces, and 3 are shaded in. They are equivalent

Laurie Eyre:not seeing slides

Alison Semanision:I drew 2 number lines, 1 with 12 pieces and 1 with 4 pieces. I then shaded in 1 of the 4 pieces and 3 of the 12 pieces and compared the lengths of the shaded parts on the number lines

Michele Renner:forgot to mention the bars are equal in size

Alison Semanision:yes, same size number lines!

Chrystina Harich 2:Where can we get a list of the books you reference in your presentation?

Deidra Baker:yes please!

Kristin Keith:You can view the recording tomorrow!

Chrystina Harich 2:Thanks

Yichen Zhang:I tried writing down a few: 1) Routines for Reasoning, by Kelemanik, Lucenta & Janssen; 2) Quiet, by Susan Cain; 3) The Talent Code, by Daniel Coyle

Alison Semanision:All about productive struggle!

Jill Gough:Next Open Middle Task: http://www.openmiddle.com/laws-of-exponents/

Deidra Baker:I notice lots of boxes! wow

Yichen Zhang:Yup same!

Cheryl Sanders:I wonder how the heck that doesn't just shut down most students with how overwhelming it looks.

Joan Hecht:all bases are 2 , all exponents are missing

Ryan Estrada:The bases are 2

Will Suttles:need negative exponent

Yichen Zhang:Is that testing me on the exponent rules?

Ryan Estrada:exponents are missing

Tina Hill:I notice a lot of blank exponents

Deborah Gemoets:I notice a lot of empty blanks to fill in but the base is 2.

Yichen Zhang:Why 1 through 20?

Joseph Prevost:I notice many exponents that need to be filled in. I notice an algebraic equation

Melanie Webb:I wonder if students already know the laws, or if this is used to develop them

Alison Semanision:I notice lots of exponential understanding

Telannia Norfar:All the operations are there

Margaret King:multiplying and division

Michele Renner:I wonder why all bases are 2

Robbi Berry 3:exponents written as a fraction

Stephanie Morgan:I wonder where to put the different numbers ... I also wonder how many students will read the directions to know to use 1-20

Anne-Marie Pasquale:I wonder how many correct solutions there are?

Shannon Pasvogel:Wonder how many possible solutions there are?

Deidra Baker:me too

Stephanie Morgan:It would be cool to know if there are multiple ways to make it work

Patricia Katis:students will need to remember negative exponents in the denominators

Katie Syvrud:How do I know if I am right?

Comfort Akwaji-Anderson:I notice multiple what students placed in the blanks and why they chose what to put in there

Sheila Brookshire:number of solutions?

Yichen Zhang:Could take a piece of this to make it more friendly for some students

Sheila Brookshire:I agree, Yichen

Alison Semanision:I find it hard for them to envision beyond the 3rd power

Yichen Zhang:Is it a limit of visualization? Square --> 2D, Cube --> 3D, fourth power --> ????

Alison Semanision:exactly; I get them to understand 4th with the cube moving through space.

Hoda Fouad:volume is very low

Sheila Brookshire:I have no audio

Yichen Zhang:I wonder if counting problems help... 5 hats x 5 shirts x 5 pants x 5 pairs of socks x 5 pairs of shoes = total number of possible outfits

Kristin Keith:Sheila, run audio set up wizard. Audio is good.

Yichen Zhang:the moving cube is very cool!

Alison Semanision:That's what I end up doing: Ice cream, types of cones, types of toppings, etc

Kathleen Campbell:Is the exponent app something that has to be opened on a ti-inspire

Sheila Brookshire:Did that with no luck

Kathleen Campbell:I went to openmiddle and love it

Kristin Keith:you may want to check your internet connection

Alison Semanision:mathematical mindset w/Jo Boaler is so helpful for kids to understand why they need to make mistakes

Sheila Brookshire:Thanks for help, audio setup not work. See slides but no audio. Will try for recorded version later

Michele Renner:yes, love jo's book!!

Yichen Zhang:audio's going in and out

Alison Semanision:The page on what mathematician's do is fabulous!

Yichen Zhang:better now

Michele Renner:all math teachers must read mathematical mindsets - go to her website for free tasks: youcubed.org

Yichen Zhang:Thanks, Michele!

Sheila Brookshire:really strange, audio is back

Alison Semanision:the paper folding task is so very rich. I've done it with 2nd-5th graders

Hoda Fouad:volume is very very low

Jennifer:Here is the Illustrative Mathematics exponent task that we are not going to get to together: https://www.illustrativemathematics.org/content-standards/6/EE/A/1/tasks/532

Margaret King:Culture in the classroom and schoolwide is key to students having this kind of meaningful discousre.

Joanne Sharp:we need to teach kids to take more risks- realize that it's ok to make a mistake or disagree with another student. Classroom culture is a big part of that- making my kids feel comfortable

Michele Renner:Hi Joanne!!

Margarita G-Rodriguez:Hello

Jennifer:I learned to pay attention to…I learned to ask myself…A new mathematical connection is...

Joanne Sharp:ðŸ™‚ hi!!!

Alison Semanision:I tell my students that if they haven't made any mistakes in a day, they aren't letting me do my job.

Deidra Baker:I am working on sequencing answers!

Christina Colello:I learned to pay attention to the wording of the problem

Joanne Sharp:teachers are open if you also make them feel comfortable with reaching out of their comfort zone!

Telannia Norfar:Thanks so much!!!

Deidra Baker:what have I learned from my mistakes

Tina Hill:Thank you!!

Hoda Fouad:thank you so much

Alison Semanision:thank you

Margaret King:Thank you for this excellent webinar.

Sheila Brookshire:Thank you!

Christina Colello:i learned the importance of wait time for answering the questions!

Tiffany Spradling:Thank you!

Kristen Hallerud:Thanks

Sherry Everding:Thank You Jennifer & Jill!

Ralph Hameni Bieleu:Thank You

Shannon Pasvogel:thanks

Kevin Spry:thank you!

Christina Colello:thank you!

Sonja Collins :Thank you and good night.

Carol Fare:thank you Jennifer and Jill

Robert O'Connell:Thank you.

Michele Renner:thank you