

00:21:40 areej mansour: Hello from Oklahoma
00:21:41 Dave Hankin: Hello again from Globe, Arizona!
00:21:45 Marie Clarke: marie from Philly
00:21:46 Doss Herndon-Schepper: Bellingham, WA
00:21:47 Kim Glines: I am from Soledad, California
00:21:47 Mike's Mac: Hi everyone! I'm really excited to work with you all today. If you have any tech issues, please alert the NCTM staff via the chat box. Thanks.
00:21:47 Janelle Koski: Hello from the Eastern Shore of Maryland!
00:21:48 Jan Back: Hello, Jan Back from Hampton, Tennessee
00:21:48 Jennifer McMillen: Hi from Texas!
00:21:50 Anika Watley: St. Thomas, USVI
00:21:52 Mark Vasicek: Ankeny Iowa
00:21:53 Nijjall Bigger: Hi from Rock Hill, SC!
00:21:55 Sara May: Hello from Myrtle Beach, SC
00:21:58 Maribeth Miller: Hi from Williamsburg VA
00:21:59 Scott Ing: hello from los angeles
00:21:59 Ronald Lubatti: lebanon, maine
00:22:03 Chance Nalley: NYC
00:22:16 Mark Vasicek: Wait. We can't hear you.
00:22:24 Fran Huntoon: Hi from VT!
00:22:28 Dominador Guillermo: Hi all from Georgia
00:22:35 Saul Gonzalez: Hi from Bakersfield, CA. It is 102F!
00:22:38 Teresa Bulanda: Hi from Plainville, Connecticut
00:22:40 Ronald Austria: Hi from North Carolina
00:22:46 Patti Gawronski: Hi from Texas
00:22:54 Kelli Freiwald: Hello from PA
00:22:56 Veronica Kwok: Hello from Queens, NYC!
00:22:59 Sheila Kirton-Robbins: HI VT, any UVM connection? I'm an alumn
00:23:03 Erica Krick: Gilbert, AZ
00:23:11 Diane Tual: Hello from Peekskill NY
00:23:14 Shashidhar Belbase: Hi from Al Ain, United Arab Emirates (UAE)
00:23:21 Fran Huntoon: Richmond VT - got my master's from UVM
00:23:21 Tim Bobay: Greetings from Raleigh, NC
00:23:22 Justin Klinger: Hello from Romeoville, IL
00:23:25 Abdul Razak Othman: HI from Malaysia
00:23:29 Jet Yeung: Hello Everyone---Jet from Henderson, Nevada
00:23:30 Tamikia Greene: Salutations from Houston, TX
00:23:36 Javier Ruiz Soto: Hello
00:23:38 Ann Wycoff Bagshaw: Hello from Fort Carson, Colorado
00:23:38 Nicole Inguanti: Hello from MA.
00:23:39 Scott Ing: wow that hot in bakersfield!
00:23:41 Deborah Chapdelaine: hello from WA state
00:23:42 Jada Pearson: Hello from Oregon
00:23:48 hyejin park: Hi from WI
00:23:49 Lauren Davenport: Hi I am from Pennsylvania
00:23:50 Rita Modrzynski: Hello from GA! :)
00:23:56 Laxman Nepal: hello, from Los angels
00:23:59 Kerry Gruizenga: Hello from Montana!
00:24:13 Jen Knudsen: hi from Austin Texas

00:24:14 Nora Marasigan: Hello from Philippines
00:24:17 Michael Braverman: Hi, everyone from NJ (outside Philly)
00:24:20 Angels117: hello from Sault Ste Marie, Ontario
00:24:27 Belen Chug: Hello from Maryland.
00:24:30 Nahed Sabra: NAHED SABAR EVERETT, WA
00:24:30 Ronald Lubatti: Is it possible to get closed caption?
00:24:32 Vicki Roman: Hi from Worcester, MA!
00:24:37 Eboney Mckinney: Hi from AZ!!!
00:24:43 Anne Marie Hohman: Hello from Alexandria, Virginia!
00:25:02 Linda Koval: Hello, Everyone
00:25:08 Victoria Yang: Hi From NYC
00:25:10 Stephanie Caragher: hello from NH
00:25:11 Aya Zvaigzne: I only have a flip phone, I can't get anything if
you send it as a text link.
00:25:12 Megan Riley: Good evening
00:25:19 Linda Koval: From Bealeton VA vacationing in Corolla NC
00:25:20 Aya Zvaigzne: Please, do you have a regular internet link.
00:25:20 Jill B.: Hello Angels117 - I am a MSJC grad.
00:25:21 Chad Hale: hello from O-H-I-O
00:25:22 paloma carrera: Hello everyone from El Paso TX
00:25:25 Aya Zvaigzne: Zero smart phone here.
00:25:28 Lance Brauchla: hi from IN
00:25:31 Rebecca Gonzalez-Kreisberg: Hi from Western MA
00:25:42 Mike Wiernicki: Hi from Atlanta, GA
00:25:48 Laura Lopez LeRoy: Hi from Laura in Houston!
00:25:51 Viragni Chand: Hello everyone, from CA
00:26:00 Aya Zvaigzne: NO SMART PHONE
00:26:02 Mike Murphy: Hi, Pa, USA
00:26:09 Aya Zvaigzne: please, and internet link
00:26:10 Melissa McCann: Hello from Shrewsbury, MA
00:26:22 Suzanne Smith: Hello from Mississippi
00:26:27 Babukutty Daniel: Hi I am Babukutty Daniel from Queens NYC
00:26:29 David Barnes: @Aya - email mike.
00:26:37 Sharletta Rawls: Hello from Miami, FL.
00:26:41 Linda Rodriguez: can opener
00:26:43 Susan Danskin: Hi from Ithaca, NY
00:26:44 Nicole Inguanti: drill
00:26:45 Belen Chug: Key Lock
00:26:45 Michael Braverman: toy motor
00:26:46 Dave Hankin: gear of some kind
00:26:47 Nikesha Harris: oil can
00:26:47 Stephanie Caragher: pencil sharpener
00:26:47 Christie Wuebbles: Music box
00:26:47 Rosa Hernandez: music box
00:26:47 Linda Koval: Mixer
00:26:48 Janelle Koski: door lock
00:26:48 Melissa McCann: music box wind p
00:26:48 harry holloway: paint steerer
00:26:48 Jacquelyn Wardlow: a lock
00:26:49 Stephanie Liverant: windup toy mechanism

00:26:50 Catherine VanNetta: part of a clock
00:26:51 Sheila Kirton-Robbins: Door lock
00:26:51 Rachell Scott: lock
00:26:51 Deborah Chapdelaine: music box winder
00:26:52 Jennifer Eaton: music box
00:26:53 Maria Timmerman: door lock
00:26:53 Milagros Carbonera: a lock
00:26:53 Alyssa Foss: jewelry box
00:26:54 Judy Dunmire: Part of a windup toy
00:26:54 Kimberly Simpson: clock mechanism
00:26:54 W Gary Martin: Not a clue
00:26:55 David Barnes: automatic stirrer
00:26:55 Megan Riley: clock
00:26:55 Tracy Sykes: drill
00:26:55 John Simons: key lock
00:26:55 Lori Smith: sharpener
00:26:55 Dominador Guillermo: winder
00:26:56 Liz Swerling: music maker
00:26:56 Rita Modrzynski: Oil filter checker?
00:26:56 Noreen Shattuck: Music box
00:26:56 Kim Petersen: wind up toy apparatus
00:26:57 Eileen Erisman: music box
00:26:57 Fran Huntoon: music box player
00:26:57 GERONE ATIENZA: mixer
00:26:58 Jacob Moshe Waxenberg: Door lock
00:26:59 Analine Bautista: simple tools
00:26:59 Dawn Joy: Misuc Box needle
00:26:59 Sheila Kirton-Robbins: music box
00:27:00 Suzanne Smith: pencil sharpner
00:27:00 Chris Marshall: Oil can
00:27:02 Rommel Daz: Lock from sewing mchine?
00:27:02 Donna Bernens-Kinkead: can opener
00:27:03 Marie Clarke: sharpener
00:27:04 Melissa Yen: phonograph
00:27:05 Rolando II Delos Reyes: caliper
00:27:05 Teresa Bulanda: part of the toy
00:27:06 Lisa Lambuth: music box
00:27:06 Ann Wycoff Bagshaw: old fashioned lock and key mechanism
00:27:07 Mike Wiernicki: lock for a music box
00:27:07 Mark Vasicek: music box, or clock
00:27:07 Babukutty Daniel: Snake
00:27:08 Karin Lee: tattoo machine
00:27:08 Carmelita Nalzarro: cylinder
00:27:09 April Grimes: Pencil sharpener
00:27:09 Connie Robertson: Carburetor
00:27:11 Jacqueline Colbourne: piston
00:27:13 Nikesha Harris: Hi from Miami
00:27:14 Connie Robertson: Taco maker
00:27:17 Chris Marshall: yikes
00:27:19 Sara May: oh my

00:27:21 Anika Watley: The motor of a ballerina
00:27:25 Connie Robertson: Ah! Horrible!!
00:27:25 Emerlina Binuya: pencil sharpener
00:27:26 Yvette Martinez: oh my!
00:27:26 Jodi Lynn McGee: ouch!
00:27:28 Dr. Therese Farmer: Wow! 🤔
00:27:28 Chad Hale: drill
00:27:30 Jacob Moshe Waxenberg: Yikes
00:27:31 Dave Hankin: Looks like fun!!
00:27:33 Rommel Daz: wheww
00:27:35 Shelley Sopa: Isn't that something from my dentist\'s office?
00:27:38 Judy Dunmire: ew
00:27:46 Kim Petersen: haha!
00:27:49 Angelita Beltran: LOL
00:27:49 Connie Robertson: LOL!!!!
00:27:55 Diane Tual: lol
00:28:10 Jen Knudsen: funny
00:28:10 Mohamed t: Hi Mohamed from CT
00:28:16 Dr. Therese Farmer: I'm done 🤔
00:28:16 Dominador Guillermo: tweet from 1806? ♡
00:28:16 Chad Hale: yikes
00:28:27 Shelley Sopa: Grrrrr. I <3 CC
00:28:33 Jacob Moshe Waxenberg: math is definitely developing
00:28:57 Oce Datu Appulembang: hello, from Indonesia :-)
00:29:22 janice magauay: hello from MD
00:29:23 Cheryl Heldt: Hello from Henderson, NV
00:29:42 Erica Burnison: Hi from Davis California
00:29:59 harry holloway: oh this is good already.
00:30:01 Laura Hope: Hi from Gilbert, AZ
00:30:02 Beth Kobett: Beth from Maryland!
00:30:06 Yvette Martinez: Hello from San Antonio, TX
00:30:31 Christine Percy: Christine from Palm Beach, FL
00:30:47 Judy Dunmire: Wow!
00:31:14 Mohamed t: Persuasion
00:31:58 Linda Koval: What happens when your students do not see the value
of what they are learning? What do we do?
00:32:25 Dr. Therese Farmer: That's is!
00:32:35 Dr. Therese Farmer: *it
00:33:16 Ronald Lubatti: Is it possible to get closed caption?
00:34:03 Dave Hankin: I was thinking, I'm assuming you were part of one of
the teachers' unions at the time. Otherwise, it would have been tough for you to
stick your neck out.
00:34:07 Chonda Long: We will have closed captioning available on the
recording
00:35:09 Stephenia Courtney: All stakeholders on the same page...Most
importnat
00:35:15 Stephenia Courtney: important
00:35:33 Aya Zvaigzne: woah
00:36:24 Dave Hankin: Interesting choice of policymakers and pundits.....
00:36:35 Karoulin Aljoris: I wish I can see the sentence again

00:36:38 Chad Hale: Hannity-really
00:36:50 Dave Hankin: That was my point...
00:36:50 Karoulin Aljoris: a teacher business
00:37:13 Rommel Daz: True, to many cooks
00:37:13 Claudia O'Keefe: Or maybe because all of us are too busy
teaching our classes?
00:37:18 Dave Hankin: Betsy Devos was also in that shot...
00:37:37 Sreevelmurugan Vamadevan: Sreevelmurugan form Miami Az
teaching K12
00:37:54 harry holloway: they think the same about public librarians
00:38:04 Rolando II Delos Reyes: Wow I didnt realize that
00:38:12 harry holloway: that's my class?
00:38:16 Rolando II Delos Reyes: Thank you for making me see this!
00:38:28 janice magauay: cool
00:38:38 Chad Hale: agree
00:38:40 Dr. Therese Farmer: Exactly 🤝
00:38:44 Rita Modrzynski: YES!
00:38:46 Jill B.: you can say that again!
00:38:50 Bobby Flores: I always see the Matrix in a good class. 😊
00:39:01 Rolando II Delos Reyes: yes parents now see it
00:39:09 Sara May: that's a great way to demonstrate how teaching looks
00:39:14 Stephenia Courtney: Yep!! Agreed
00:39:16 Shashidhar Belbase: Nice curve !
00:39:27 Shashidhar Belbase: Agreed !
00:39:28 Linda Damianides: Fascinating.
00:39:34 Dave Hankin: Like what some parents think about teaching???
00:40:35 Ann Marcellin: That is a really great point!
00:40:39 Bethany Morton: interesting!
00:40:41 areej mansour: true
00:40:43 harry holloway: also in calculus.
00:40:54 Linda Koval: Agree!
00:40:58 Cindy Bryant: Stick with them is the hard part!
00:40:59 Saul Gonzalez: Yes. This makes excellent sense!
00:41:11 Rolando II Delos Reyes: Thank you for this! i like it
00:41:15 Victoria Yang: so true in many areas
00:41:15 Wendy Janerico: true!
00:41:16 Bishnu Khanal: Interesting
00:41:16 Judy Dunmire: Yes! Our struggle is with "procedure" teachers who
have a lot of experience with that one style of teaching and they are resistant to
math teaching practices. Hoping you're about to tell us how to support their growth
when they are at that D-K Effect peak...
00:41:35 Rita Modrzynski: As a new instructional coach, that mindset
is going to be so helpful. Thanks for sharing!
00:41:49 Carrie DeNote: Gross
00:41:51 Steven Jarowski: Down
00:41:51 harry holloway: yes
00:41:51 W Gary Martin: NO!!!!
00:41:51 Jada Pearson: yum
00:41:51 Linda Rodriguez: :)
00:41:51 Mark Vasicek: YES!

00:41:52 Judy Dunmire: Ew - but never had it
00:41:52 Rita Modrzynski: YES!
00:41:52 Robin Schwartz: ick]
00:41:52 Alma Paez: No
00:41:53 Linda Damianides: Never had it!
00:41:53 Suzanne Smith: Yuck
00:41:53 Natasha Gambarov: down
00:41:53 Brenda McNeese: yuck
00:41:53 Jacqui Vansoest: down
00:41:53 Michael Braverman: love it.
00:41:54 Cheryl Heldt: Yes
00:41:54 Jill B.: no
00:41:54 Dave Hankin: It's ok.
00:41:54 Bethany Morton: Judy, I agree!
00:41:54 Melissa McCann: nope
00:41:54 Christina Banta: No!
00:41:54 Hannah Lakin: Yum
00:41:55 Jasmin Libron: the best pizza!
00:41:55 Sheila Kirton-Robbins: OK
00:41:55 Shashidhar Belbase: Belief system plays a huge role in the way
we teach mathematics and It may have a huge implication in students' learning too.
00:41:55 Kim Petersen: yes!!!!
00:41:56 Carolyn Snook: yum
00:41:56 Jennifer Eaton: NO
00:41:56 Deborah Chapdelaine: yuck
00:41:56 Allison Mok: nope
00:41:57 Sharon Black-MacKinnon: thumbs up
00:41:57 Marie Clarke: yuck
00:41:57 Lisa Rogers: no
00:41:57 Bethany Morton: NOPE!
00:41:57 Megan Day: yum
00:41:57 Belen Chug: Love it.
00:41:57 Aric Barnes: The best!!!
00:41:58 janice magauay: it is ok for me
00:41:58 Rebecca Gonzalez-Kreisberg: nope
00:41:58 Sara May: never had ir
00:41:58 Jodi Lynn McGee: yum
00:41:58 Lawanda Coats: no
00:41:58 Saul Gonzalez: Not the best pizza.
00:41:58 Christie Wuebbles: eh
00:41:58 Teresa Bulanda: best!
00:41:58 Skip Fennell: would never order it
00:41:58 Claudia Mathison: yuck
00:41:59 Laura Hope: No
00:41:59 Angels117: no way
00:41:59 Maria Timmerman: yes!
00:41:59 Stephanie Skelton: its good
00:41:59 Anika Watley: down
00:41:59 Angelita Beltran: EWW
00:41:59 Karen Notestine: no thanks

00:41:59 Susan Danskin: awesome!
00:42:00 Dawn Joy: yuck
00:42:00 Lisa Lambuth: good!
00:42:00 Alyssa Foss: pizza is pizza
00:42:00 Chad Hale: not
00:42:00 Ann Wycoff Bagshaw: it is ok
00:42:00 Jen Knudsen: yes
00:42:00 Karen Massie: yes!
00:42:01 Laura Cranmer: no thank you
00:42:01 Wendy Janerico: no
00:42:01 Bobby Flores: it's ok
00:42:01 Ann Marcellin: Delicious!
00:42:02 Linda Tarry: nope
00:42:02 Liz Swerling: like it but not the best
00:42:02 Debra Cash: No thanks
00:42:02 Nikesha Harris: nah
00:42:02 Connie Robertson: 
00:42:02 Anissa Nemetz: yuck
00:42:03 Monique Cabellon: no thanks
00:42:03 Claudia O'Keefe: no
00:42:03 Bonnie Angel: Love it!
00:42:04 ELENA GAMOVA: best
00:42:04 Rachell Scott: me too, I think it is delicious!
00:42:04 Eileen Erisman: Best!
00:42:04 Ron Napper: No
00:42:05 Kimberly Simpson: yes!
00:42:05 Aya Zvaigzne: never
00:42:06 Julie McMinn: Just OK
00:42:06 Tracy Sykes: it alright
00:42:06 Mary France Imperial: love it
00:42:07 Margaret Pel: love it
00:42:08 Shashidhar Belbase: Like it.
00:42:08 Donna Saylor: Yum
00:42:09 Ryan Chinchin: add jalapenos
00:42:10 Dave Hankin: Pizza is not pizza....
00:42:10 Fran Huntoon: love it
00:42:10 Lauren Davenport: It is the best!
00:42:11 Saul Gonzalez: However, it is good.
00:42:11 David Barnes: ARE YOU KIDDING!
00:42:12 Maribeth Miller: pineapple is not Italian!
00:42:12 Donna Bernens-Kinkead: NOPE
00:42:12 Viragni Chand: I love it
00:42:13 Lesly Brown: I simply love it!
00:42:13 Rolando II Delos Reyes: I like hawaiian
00:42:13 Rachell Scott: yes, it is
00:42:16 Linda Koval: Pineapple yes, ham no.
00:42:17 Connie Robertson: Childhood favorite
00:42:17 Marquis Boddie: like it
00:42:19 Mike Shaughnessy: It's not pizza!
00:42:20 Laurel Dietz: It's ok

00:42:22 Nicole Inguanti: Nope
 00:42:22 Yvette Martinez: dog
 00:42:22 Megan Day: dog
 00:42:22 Judy Dunmire: Dogs - 100%
 00:42:22 Chonda Long: Dog
 00:42:22 Lauren Davenport: dog
 00:42:22 Jennifer Eaton: dog
 00:42:23 Alma Paez: dog
 00:42:23 Linda Rodriguez: cat
 00:42:23 GERONE ATIENZA: cat
 00:42:23 Belen Chug: DOg
 00:42:23 Mike Shaughnessy: Both!
 00:42:23 Shelley Sopa: CAT
 00:42:24 Teresa Bulanda: with prosciutto?yes!
 00:42:24 Nicole Inguanti: dog
 00:42:24 Debbie Aldous: Yummy! Try with jalapenos
 00:42:24 Connie Robertson: dog
 00:42:24 Jada Pearson: cat
 00:42:24 Sima Deeb: Dog
 00:42:25 Gloria BrownBrooks: new York only
 00:42:25 Bethany Morton: neither!
 00:42:25 Elizabeth Wertemberger: dog
 00:42:25 Rebecca Gonzalez-Kreisberg: dog
 00:42:25 Jodi Lynn McGee: dog
 00:42:25 Lisa Lambuth: Dog
 00:42:25 Michael Braverman: dog
 00:42:25 Angelita Beltran: BOTH
 00:42:25 Brenda McNeese: dog
 00:42:25 Anika Watley: neither
 00:42:25 harry holloway: yes
 00:42:25 Aya Zvaigzne: both
 00:42:26 Christie Wuebbles: dog
 00:42:26 Laurel Dietz: cat
 00:42:26 susan mitzner: can't judge never had it
 00:42:26 David Barnes: DOG!
 00:42:26 Erica Burnison: 3 cats
 00:42:26 Ron Napper: Dog
 00:42:26 Tracy Sykes: dog
 00:42:26 Adriana Gómez Reyes: dog
 00:42:26 Bonnie Angel: cat
 00:42:26 Jen Knudsen: no
 00:42:26 Sara May: ferret
 00:42:27 Carrie DeNote: cat
 00:42:27 Deborah Chapdelaine: both
 00:42:27 Christina Tucker: Neither
 00:42:27 Debbie Aldous: dog
 00:42:27 Melissa McCann: dog
 00:42:27 Laura Cranmer: dog
 00:42:27 Aric Barnes: Cat
 00:42:27 Lawanda Coats: neither

00:42:27 Skip Fennell: dog
00:42:27 Jasmin Libron: both
00:42:28 Rita Modrzynski: DOGGO!
00:42:28 Anissa Nemetz: dog
00:42:28 Robin Schwartz: cat
00:42:28 Karen Notestine: both
00:42:28 Angels117: both
00:42:28 Karen Massie: yes!
00:42:28 Wendy Janerico: dog
00:42:29 W Gary Martin: neither
00:42:29 susan mitzner: dog
00:42:29 Sheila Kirton-Robbins: dog
00:42:29 Ryan Chinchin: neither
00:42:29 Cheryl Heldt: both
00:42:29 Susan Danskin: neither
00:42:29 Kimberly Simpson: dog
00:42:30 Steven Jarowski: Both
00:42:30 Ann Marcellin: dog
00:42:30 Donna Saylor: Both
00:42:30 Teresa Bulanda: cat
00:42:31 Marie Clarke: neither
00:42:31 Rachell Scott: both
00:42:31 Lori Smith: dog
00:42:31 Chad Hale: cat
00:42:31 Dave Hankin: It matters where you get it....
00:42:31 Dr. Therese Farmer: Dog!
00:42:31 Victoria Yang: both
00:42:32 Jacquelyn Wardlow: Hounds for sure!
00:42:32 areej mansour: why not
00:42:32 Laura Hope: dog
00:42:32 Saul Gonzalez: Dog
00:42:32 Lesly Brown: dog
00:42:33 Rosa Hernandez: yuck
00:42:33 Mike Shaughnessy: Hi Mike!
00:42:33 Christine Percy: dog
00:42:34 Sharon Black-MacKinnon: both
00:42:34 Viragni Chand: both
00:42:34 Jill B.: dog
00:42:34 Kim Petersen: both
00:42:35 Nikesha Harris: dog sort of
00:42:35 Daniel Irving: Dog
00:42:35 Linda Tarry: neithe
00:42:35 Suzanne Smith: dog
00:42:36 Linda Koval: Dog.
00:42:36 Carmelita Nalzarro: cat person
00:42:36 Donna Bernens-Kinkead: Neither
00:42:37 Rosa Hernandez: dog
00:42:37 Maria Padiernos: both
00:42:38 Aya Zvaigzne: owls and hawks
00:42:38 Shelley Sopa: CAT CAT CAT CAT CAT

00:42:38 Stephenia Courtney: preferences vs perception
 00:42:38 Mark Vasicek: Deep dish hawiiian
 00:42:39 Lorie Huff: neither
 00:42:40 Christina Banta: Both!
 00:42:41 Stephanie Skelton: neither
 00:42:41 Shashidhar Belbase: Nice dog
 00:42:42 Dave Hankin: Both!!
 00:42:42 Mary France Imperial: both
 00:42:42 Erica Burnison: fish
 00:42:51 Vanessa Stokes: dog
 00:43:00 Carmelita Nalzarro: I love and adore cats very much
 00:43:03 Jessica Torres: both
 00:43:06 Stephenia Courtney: dogs
 00:43:06 Pamela Liegl: Cats (three walking over keyboard
 00:43:20 Karin Lee: cats - 2 on my keyboard
 00:43:29 janice magauay: blm
 00:43:43 Dave Hankin: Mine have been "behaving" lately.
 00:44:50 Belen Chug: Perception of ourselves
 00:45:14 Jen Knudsen: yWu SCC
 00:45:26 Judy Dunmire: Fighting the "math is an elitist subject" mindset
 00:47:26 Judy Dunmire: I'm having an emotional reaction right now...
 00:47:40 Ann Wycoff Bagshaw: 37
 00:47:41 Anika Watley: 37
 00:47:45 Suzanne Smith: 37
 00:47:45 GERONE ATIENZA: 37
 00:47:46 Lisa Ashe: 37
 00:47:48 Jet Yeung: 37
 00:47:48 Jada Pearson: 37
 00:47:49 Jacob Moshe Waxenberg: 37
 00:47:50 janice magauay: 37
 00:47:51 Marie Clarke: 37
 00:47:51 Mohamed t: 37
 00:47:54 W Gary Martin: 47-10
 00:47:55 Jodi Lynn McGee: 37
 00:48:00 Jacqueline Colbourne: 37
 00:48:01 Erica Burnison: 64-30+3
 00:48:01 Mark Vasicek: 64-24-3
 00:48:01 Shonda Moore: 37
 00:48:08 Ann Wycoff Bagshaw: 64 -20-7
 00:48:09 Carmelita Nalzarro: 37
 00:48:10 Judy Dunmire: $27+7 = 34 + 30 = 64$
 00:48:11 Michael Braverman: $60-20=40, 4-7=-3. 40-3=37$
 00:48:13 Melissa McCann: 64-20-4-3
 00:48:15 Mike Shaughnessy: Mike, Part of the blow back from the Common
 Core is that they didn't involve us in the decisions, just like they didn't involve
 you.
 00:48:17 Erica Burnison: Can't unmute
 00:48:21 Milagros Carbonera: 37
 00:48:22 Sima Deeb: It's in the view options
 00:48:23 Susan Danskin: count up

00:48:23 Adriana Gómez Reyes: 64-30+3

00:48:23 Dila Saktika Negara: 64-20-7

00:48:24 Belen Chug: 64-30+3

00:48:25 Sarah Chu: 37

00:48:26 Bethany Morton: I spend a lot of time explaining to the other mom's in my group of friends where the standards have come from.

00:48:36 Linda Koval: 64-24-3

00:48:42 Ryan Chinchén: I doubled 27 and then added 10.

00:48:43 Linda Damianides: 60-20+(-3)

00:48:44 harry holloway: 67-30

00:48:47 Sharon Black-MacKinnon: 64-20-7

00:48:52 Bethany Morton: 64-20-7

00:49:04 Robin Schwartz: what's the missing addend? it has to end with a 7

00:49:07 Cheryl Heldt: 27 + 3 + 34

00:49:10 Shonda Moore: Borrowed from 6 and subtracted

00:49:10 Nihal Katirci: 14- 7 = 7 , 50 -20 =30, 37

00:49:18 Natasha Gambarov: I solved the problem vertically in my head: crossing off the four to make 14, subtracted it with 7. Then crossed off the 6 to make it a 5

00:49:19 Mike Shaughnessy: What needs to be put back on 27 to get up 64

00:49:26 Stephenia Courtney: 64-27

00:49:46 Linda Koval: 67-30

00:50:17 Ana Guerrero: great mental math

00:50:26 Steven Jarowski: Mikey

00:50:26 Donna Saylor: Mikey

00:50:26 Bethany Morton: Mikey

00:50:26 Jill B.: Hey Mikey

00:50:27 Jada Pearson: mikey

00:50:27 Melissa McCann: Mikey

00:50:27 Carolyn Snook: mikey

00:50:27 Julie McMinn: mikey

00:50:28 Shonda Moore: Mikey

00:50:28 Susan Troutman: Mikey

00:50:28 Mark Fili: Mikey

00:50:28 Ron Napper: mickey

00:50:29 Judy Dunmire: Mikey!

00:50:29 Donna Bernens-Kinhead: Mikey

00:50:29 Tracy Sykes: Hey Mikey

00:50:29 Yvette Martinez: Mikey

00:50:29 Christy Werner: mikey

00:50:29 Carrie DeNote: Mikey

00:50:29 Erica Burnison: hey mikey

00:50:29 Cindy Bryant: mIKEy

00:50:29 Kimberly Simpson: mikey

00:50:29 Shelley Sopa: MIKEY!

00:50:30 Connie Robertson: mikey

00:50:30 Linda Rodriguez: Mikey likes it

00:50:30 Dave Hankin: Mickey

00:50:30 Cheryl Heldt: Hey mikey

00:50:30 Mark Vasicek: timmy

00:50:30 Susan Danskin: mikey
00:50:31 Judy Dunmire: He likes it!
00:50:31 Karen Notestine: mikey
00:50:31 Stephanie Skelton: Mikey
00:50:31 harry holloway: mikie
00:50:32 Lauren Davenport: mikey
00:50:32 Joseph Prevost: mikey
00:50:32 Jacqui Vansoest: Mikey
00:50:32 Cheryl Andrews: mikey
00:50:32 Maria Timmerman: mikey
00:50:33 Suzanne Smith: Mikey
00:50:33 Catherine VanNetta: Mikey
00:50:34 Ann Marcellin: Mikey
00:50:34 Jill B.: He Likes it
00:50:35 W Gary Martin: Let Mikey do it
00:50:35 Linda Damianides: Mikey!
00:50:35 Jada Pearson: He likes it!
00:50:35 Mark Vasicek: mickey
00:50:36 Debbie Aldous: Mikey
00:50:36 Sara May: mikey
00:50:37 Maribeth Miller: Mikey he likes it!
00:50:37 Gloria BrownBrooks: mikey
00:50:38 Lori Smith: Mikey
00:50:38 Lisa Lambuth: Mikey He likes it!
00:50:38 Jodi Lynn McGee: Mikey!
00:50:39 Michael Braverman: I hated that commercial.
00:50:40 Anissa Nemetz: Mikey Likes it!
00:50:40 Linda Koval: Mikey will eat it.
00:50:41 Jacquelyn Wardlow: Mikey, likes it!
00:50:41 Fran Huntoon: Mikey - he'll eat anything!
00:50:42 Wendy Janerico: Mikey
00:50:42 Dr. Therese Farmer: Mikey!
00:50:43 Shonda Moore: Chex!
00:50:47 Mike Wiernicki: Mikey Likes it!
00:50:47 Jacob Moshe Waxenberg: No idea
00:50:47 Sima Deeb: Mikey
00:50:48 Sarah Chu: Mikey
00:50:50 Philip Mojares: Mikey
00:50:52 Jacob Moshe Waxenberg: Until now
00:50:53 Rommel Daz: Mikey
00:50:53 Sharon Black-MacKinnon: Mikey likes it
00:50:55 Erica Burnison: nope
00:50:56 Michael Braverman: pop rocks!
00:51:00 Mike Wiernicki: Pop rocks
00:51:05 Susan Danskin: died from pop ro
00:51:07 Janelle Koski: Hey Mikey!
00:51:07 Sharon Black-MacKinnon: pop rocks
00:51:15 Sarah Chu: died
00:51:17 Mark Fili: There is a new version of the commercial and Mikey
is a girl

00:51:18 Donna Saylor: omgosh
00:51:19 Dave Hankin: The new girl just isn't the same.
00:51:23 Nikesha Harris: WHATTTT
00:51:24 David Barnes: Meme?
00:51:29 Jacob Moshe Waxenberg: HAHA
00:51:43 Dr. Therese Farmer: SO TRUE! The fear was real.
00:51:54 Stephenia Courtney: Give it to Mikey, he'll eat anything
00:51:58 Shonda Moore: @Dave Just can't get with a girl named Mikey!
00:52:40 Philip Mojares: IKR
00:53:37 harry holloway: the power of questions
00:53:53 W Gary Martin: Will slides also be posted on NCTM.org?
00:54:15 Chonda Long: Yes, we will be posting the slides on NCTM.org/100
as well
00:56:22 Ronald Lubatti: they are closing 400 stores?
00:56:28 Jacob Moshe Waxenberg: Wow nice story
00:56:43 Lesly Brown: This is so true.
00:56:52 Claudia O'Keefe: Showing empathy to someone helps make them
an ally
00:56:57 Stephenia Courtney: Wow!
00:56:59 Sima Deeb: This is great example!
00:57:23 harry holloway: Yes! I learned this is sales, and use it all the
time!!
00:57:25 Judy Dunmire: I'm good at positive frame at 4 of our 5 schools...
that 5th one, though... I'm working on it!
00:57:34 Rachell Scott: Sheldon Cooper would have said "No cutzz!"
00:58:01 Jill B.: lol
00:58:13 Cheryl Andrews: That's what leadership is about; a focus on building
student and teacher capacity.
00:58:14 Michael Braverman: true, but Sheldon Cooper is rude and
obnoxious
00:58:17 harry holloway: It is also true in class!!
00:58:54 Judy Dunmire: @Cheryl +1
01:00:56 Teresa Bulanda: very true!
01:01:40 Teresa Bulanda: wow!
01:01:54 Tanya Landry: Animals train this way, like police horses at Mardi
Gras
01:02:02 Jill B.: not reacting requires practice
01:02:07 Judy Dunmire: @MikeFlynn - This is SO good! Helping me so much!
Needed this!
01:02:27 Cindy Bryant: @Jill, yes it does require practice!
01:02:36 Sarah Chu: agree
01:02:49 Cindy Bryant: This is such great information Mike!
01:02:50 Stephenia Courtney: I too agree
01:02:54 Dave Hankin: This is a lot like Steven Covey....
01:03:01 harry holloway: will the packet be on nctm?
01:03:10 Linda Koval: Loved not reacting through practice!
01:03:13 Judy Dunmire: <3 (Sorry I keep putting stuff in chat, but this is
SO good!)
01:03:23 harry holloway: Some of this in STEven Covey.
01:03:28 Shashidhar Belbase: Perspective taking sounds good idea.

01:03:54 Linda Koval: No need to apologize, Judy.
 01:04:13 Stephenia Courtney: Love Steven Covey
 01:05:14 Shashidhar Belbase: Head and heart
 01:05:39 Linda Koval: Common core targets understanding rather than
 procedures.
 01:05:48 Fran Huntoon: Footwork
 01:05:48 Michael Braverman: agility training
 01:05:50 harry holloway: knees
 01:05:52 Jacqui Vansoest: agility
 01:05:52 Jill B.: quick feet
 01:05:54 Charleta White-Fletcher: conditioning
 01:05:54 Mohamed t: I like think and feel!!
 01:06:04 Mohamed t: Brain and Heart!!
 01:06:15 Sarah Chu: conditioning
 01:06:21 Stephenia Courtney: Common Core....mixed emotions
 01:06:34 Judy Dunmire: Great analogy! @Sarah - conditioning! Yes! I'm going
 to use that.
 01:06:45 Viragni Chand: Like hit the head and heart
 01:07:16 Lorie Huff: Hit the head and heart.
 01:07:27 Linda Koval: With any type of learning, you need to supplement.
 Common Core is not enough by itself.
 01:08:11 W Gary Martin: When people question Common Core, I wonder exactly
 what it is they are questioning. What they think Common Core is.
 01:08:11 Stephenia Courtney: Supplementing is IMPERATIVE!
 01:08:13 Lorie Huff: Curse of Knowledge. Hit the head and heart. Great
 points!
 01:08:29 Rachell Scott: Ditto
 01:08:30 Mark Vasicek: 3
 01:08:31 Claudia O'Keefe: 3
 01:08:31 Linda Rodriguez: c
 01:08:31 Joseph Prevost: c
 01:08:31 Cindy Bryant: 3
 01:08:32 Susan Troutman: c
 01:08:32 Nikesha Harris: 3
 01:08:32 Teresa Bulanda: c
 01:08:32 Steven Jarowski: C
 01:08:32 Christine Percy: c
 01:08:32 harry holloway: c
 01:08:32 Linda Damianides: 3
 01:08:32 Lori Smith: 3
 01:08:32 Carrie DeNote: 3
 01:08:32 Jill B.: 3
 01:08:32 Julie McMinn: 3
 01:08:32 Donna Saylor: 3
 01:08:32 Melissa McCann: c
 01:08:33 Stephanie Liverant: c
 01:08:33 Michael Braverman: c
 01:08:33 Jada Pearson: c
 01:08:33 DeShonda Sisco: c
 01:08:34 W Gary Martin: c

01:08:34	Cheryl Heldt:	c	
01:08:35	David Barnes:	c	
01:08:35	Jodi Lynn McGee:		c
01:08:36	Christie Wuebbles:		c
01:08:37	Megan Day:	c	
01:08:37	Mabra Karpie:	c	
01:08:37	Stephanie Skelton:		C
01:08:38	Rachell Scott:	c	
01:08:39	Christina Banta:		c
01:08:39	Carmelita Nalzarro:		c
01:08:40	Cheryl Heldt:	e	
01:08:40	Susan Troutman:	e	
01:08:40	Linda Rodriguez:		e
01:08:40	Michael Braverman:		e
01:08:40	Claudia O'Keefe:		e
01:08:40	Yvette Martinez:		e
01:08:40	Joseph Prevost:	e	
01:08:40	Mabra Karpie:	e	
01:08:40	Linda Damianides:		e
01:08:40	Judy Dunmire:	e	
01:08:40	Jennifer Eaton:	e	
01:08:40	Dave Hankin:	e	
01:08:40	Christine Percy:		e
01:08:41	Jasmin Libron:	e	
01:08:41	Erica Burnison:	e	
01:08:41	Christie Wuebbles:		e
01:08:41	Fran Huntoon:	ce	
01:08:41	Jill B.:	e	
01:08:41	Jada Pearson:	e	
01:08:41	Rachell Scott:	e	
01:08:41	Kendra Edwards:	e	
01:08:41	Charleta White-Fletcher:		e
01:08:41	Teresa Bulanda:	e	
01:08:41	Megan Day:	e	
01:08:42	Nikesha Harris:	E	
01:08:42	harry holloway:	e	
01:08:42	Mike Shaughnessy:		e
01:08:42	DeShonda Sisco:	e	
01:08:42	FARASAPINA KAMARUDIN:		e
01:08:42	Stephenia Courtney:		c
01:08:42	Ariel Ruffin:	e	
01:08:42	Stephanie Liverant:		e
01:08:42	Stephanie Skelton:		E
01:08:42	Cindy Bryant:	e	
01:08:42	GERONE ATIENZA:	E	
01:08:42	Skip Fennell:	E	
01:08:42	Jodi Lynn McGee:		e
01:08:42	Janelle Koski:	e	
01:08:42	Laura Hope:	e	
01:08:43	Ryan Chinchin:	e	

01:08:43 Carrie DeNote: e
 01:08:43 Bethany Morton: e
 01:08:44 Sarah Chu: c
 01:08:44 Ann Marcellin: e
 01:08:44 Babukutty Daniel: e
 01:08:44 Rebecca Gonzalez-Kreisberg: E
 01:08:44 Lesly Brown: E
 01:08:44 David Barnes: e
 01:08:45 Maria Csehy: 5
 01:08:45 Carmelita Nalzar: e
 01:08:46 Viragni Chand: E
 01:08:47 Mary France Imperial: e
 01:08:48 Jacob Moshe Waxenberg: e
 01:08:49 Noe Eugenio: e
 01:08:52 Ron Napper: e
 01:08:52 Stephenia Courtney: 3
 01:09:04 Karin Leonard: e
 01:09:05 Nihal Katirci: but in another language, we have 29 letters :)
 01:09:25 Linda Damianides: bats
 01:09:25 Erica Burnison: bats
 01:09:27 Nikesha Harris: B
 01:09:28 Rachell Scott: bats
 01:09:29 Viragni Chand: bats
 01:09:29 Linda Rodriguez: bats
 01:09:29 Babukutty Daniel: bats
 01:09:30 Connie Robertson: b
 01:09:30 Thy Dinh: bats
 01:09:30 Debbie Aldous: bats
 01:09:30 Lisa Ashe: bats
 01:09:31 Judy Dunmire: bats
 01:09:31 Jada Pearson: bats
 01:09:31 Lorie Huff: bats
 01:09:32 Jill B.: e
 01:09:33 Jacob Moshe Waxenberg: e
 01:09:33 Yvette Martinez: b
 01:09:33 Milagros Carbonera: bats
 01:09:34 Aric Barnes: bats
 01:09:34 Karin Leonard: bats
 01:09:34 Christine Percy: e
 01:09:34 Noe Eugenio: bats
 01:09:35 harry holloway: e more bats
 01:09:35 Bethany Morton: bats
 01:09:35 Tracy Sykes: bats
 01:09:35 Shashidhar Belbase: J
 01:09:35 Sheila Kirton-Robbins: e
 01:09:36 Claudia O'Keefe: e more bats
 01:09:36 Fran Huntoon: e bats
 01:09:36 Dave Hankin: bats by e
 01:09:36 Teresa Bulanda: e
 01:09:37 Mary France Imperial: bats

01:09:37 Nikesha Harris: 5
01:09:38 Karen Massie: e bats
01:09:38 Joseph Prevost: l-g
01:09:38 Saul Gonzalez: e
01:09:38 Susan Troutman: e
01:09:38 David Barnes: c
01:09:38 Christina Tucker: bats
01:09:38 Lisa Ashe: e
01:09:38 Sarah Chu: e
01:09:38 areej mansour: bats
01:09:38 Rachell Scott: d
01:09:39 Mohamed t: 5
01:09:39 Mary France Imperial: e
01:09:39 Mike Wiernicki: more bats
01:09:40 Bethany Morton: f more
01:09:40 Babukutty Daniel: e
01:09:40 Sima Deeb: J\
01:09:40 Linda Rodriguez: e
01:09:40 Jasmin Libron: e
01:09:40 Carolyn Snook: e
01:09:40 Nikesha Harris: E
01:09:41 Megan Day: l-g
01:09:41 Erica Burnison: E more
01:09:41 Mike Shaughnessy: e more
01:09:42 Linda Koval: bats
01:09:42 Dennis Manyanga: bats
01:09:42 W Gary Martin: e
01:09:42 Christie Wuebbles: E bats more
01:09:43 Viragni Chand: E
01:09:43 Julie McMinn: e
01:09:43 Dawn Joy: e
01:09:43 Adriana Gómez Reyes: e
01:09:43 Sheila Kirton-Robbins: e more bats
01:09:43 janice magauay: e bats
01:09:43 Michael Braverman: bats e
01:09:43 Tanya Landry: e
01:09:44 Liz Swerling: e more bats
01:09:44 Melissa McCann: e
01:09:44 areej mansour: e
01:09:45 Mabra Karpie: bats by e
01:09:45 Belen Chug: More cats. E more.
01:09:45 Judy Dunmire: e
01:09:46 Maria Csehy: bats e
01:09:46 Dave Hankin: btas by e
01:09:46 Ron Napper: e
01:09:47 GERONE ATIENZA: E
01:09:47 Stephanie Skelton: E
01:09:47 Thy Dinh: e
01:09:47 Cindy Bryant: e
01:09:48 Rolando II Delos Reyes: bats E

01:09:49 Jasmin Libron: e more bts
 01:09:49 Tracy Sykes: e
 01:09:49 Jada Pearson: l
 01:09:49 Karoulin Aljoris: f
 01:09:49 Dr. Therese Farmer: e more
 01:09:50 Nicole Inguanti: e
 01:09:50 Linda Tarry: e
 01:09:50 Wendy Janerico: e
 01:09:50 Noe Eugenio: e
 01:09:50 Jennifer Eaton: e more bats
 01:09:51 Charleta White-Fletcher: cannot see the cats because of the
 video boxes
 01:09:51 Connie Robertson: e
 01:09:52 Teresa Bulanda: bats e
 01:09:52 Mary France Imperial: e
 01:09:52 Laura Hope: e bats more
 01:09:52 Yvette Martinez: e
 01:09:53 Jasmin Libron: e more bats
 01:09:54 Bethany Morton: sorry, e more
 01:09:54 Christina Banta: e
 01:09:54 Stephanie Skelton: Bats e
 01:09:54 Rebecca Gonzalez-Kreisberg: E more bats
 01:09:56 Belen Chug: More bats. E more.
 01:09:57 Marie Clarke: e
 01:09:58 Donna Saylor: e
 01:09:59 Susan Danskin: e more bats
 01:09:59 Angelita Beltran: e
 01:09:59 Carmelita Nalzarro: f
 01:09:59 Arlene Bachinela: bats E
 01:10:02 Cheryl Heldt: e
 01:10:02 Lesly Brown: E
 01:10:03 Megan Day: e more
 01:10:04 Mike Wiernicki: e more bats
 01:10:05 Maximo Gimeno: e
 01:10:05 Carmelita Nalzarro: F
 01:10:07 Jodi Lynn McGee: bats, e
 01:10:07 Sharon Black-MacKinnon: L-G = E
 01:10:08 Marie Clarke: more bats
 01:10:09 Stephenia Courtney: bats 5
 01:10:10 Viragni Chand: D
 01:10:12 Ariel Ruffin: e
 01:10:12 Karoulin Aljoris: e
 01:10:15 Melissa McCann: I matched 1:1, then lettered the remaining bats
 01:10:16 Jill B.: counted cats, then counted bats, then went abcde
 01:10:29 Christine Percy: yes
 01:10:42 Babukutty Daniel: 7cats caught 7 bats and e is left over
 01:10:45 Christie Wuebbles: yes
 01:10:45 Linda Rodriguez: yes
 01:10:47 Stephanie Liverant: yes
 01:10:47 Dave Hankin: Yes

01:10:47 Debbie Aldous: yes
01:10:48 Aric Barnes: yes
01:10:48 Deborah Chapdelaine: yes
01:10:48 Marie Clarke: yes
01:10:48 Heidi Fessenden: yes
01:10:49 Michael Braverman: yesa
01:10:49 Jill B.: no
01:10:49 Julie McMinn: yes
01:10:49 Angelita Beltran: yes
01:10:49 Erica Burnison: yes
01:10:50 Kendra Edwards: yes
01:10:50 Stephanie Skelton: Yes
01:10:50 Jada Pearson: yes
01:10:50 Milagros Carbonera: yes
01:10:50 GERONE ATIENZA: YES
01:10:50 Viragni Chand: yes
01:10:50 Fran Huntoon: yes
01:10:50 Catherine Bronikowski: no
01:10:50 Tatiana Pereyra: Yes
01:10:51 Rita Modrzynski: I counted all
01:10:51 Tracy Sykes: yes
01:10:54 Maximo Gimeno: y
01:10:54 Karin Leonard: yes
01:10:58 Mary France Imperial: yes
01:10:59 Sarah Chu: yes
01:11:05 Stephenia Courtney: yes
01:11:06 Tanya Landry: I did that too
01:11:07 Thy Dinh: I compared cats and bats
01:11:09 Milagros Carbonera: I paired them
01:11:09 Debbie Aldous: Like integers!
01:11:20 Rachell Scott: Get Job!!
01:11:23 Lorie Huff: I did that also
01:11:26 Linda Koval: Positive and negatives, cool.
01:11:35 Milagros Carbonera: Great idea
01:11:48 Natasha Gambarov: this was fun!
01:11:51 Jacob Moshe Waxenberg: I see more cats than bats in real life
01:12:10 Dave Hankin: And that's a good thing..
01:12:13 Stephenia Courtney: Great activity!
01:12:14 Mary France Imperial: it was fun!
01:12:19 Maryanna Biedermann: could be used for understanding opposites
01:12:27 Jacob Moshe Waxenberg: Nice activity
01:12:43 harry holloway: change of base
01:12:49 W Gary Martin: Base 5
01:12:50 Tanya Landry: base e
01:12:53 Fran Huntoon: A different base
01:12:58 W Gary Martin: @Tanya ha
01:13:13 harry holloway: I have done this using the dingbats font
01:13:13 Jada Pearson: 10
01:13:15 Fran Huntoon: 10
01:13:16 Michael Braverman: 10

01:13:16 Susan Troutman: 10
 01:13:17 Shashidhar Belbase: 10
 01:13:18 Danielle Grenader: 0
 01:13:18 Robin Schwartz: 10
 01:13:18 Rebecca Gonzalez-Kreisberg: 10
 01:13:19 Bethany Morton: 10
 01:13:19 Mike Shaughnessy: 10
 01:13:23 Sarah Chu: 10
 01:13:23 Rommel Daz: 10
 01:13:24 Ryan Chinchin: j
 01:13:25 GERONE ATIENZA: 10
 01:13:39 W Gary Martin: 42
 01:13:40 Fran Huntoon: 42
 01:13:42 Michael Braverman: 42
 01:13:44 Judy Dunmire: 42
 01:13:44 Teresa Bulanda: 42
 01:13:45 Rommel Daz: 42
 01:13:50 Sima Deeb: 42
 01:13:52 Sarah Chu: 42
 01:13:54 Fran Huntoon: you can make a 10
 01:13:55 Mike Wiernicki: Make another group of 5
 01:13:59 Mike Shaughnessy: extra group of 5, then 2 left
 01:14:00 Laura Hope: make another "rod"
 01:14:00 Robin Schwartz: the 3 and 4 are 7 which becomes a 5 plus 2 left over
 01:14:01 Alma Paez: combine lone boxes to make a group of 5
 01:14:02 Jill B.: 4 groups of 5 and then there are 2 left
 01:14:03 Judy Dunmire: Add the "tens" group the ones to make a "ten"...
 01:14:05 Bethany Morton: make a 5 out of the ones. Then there are 2 more
 ones
 01:14:05 Anika Watley: Every set of 5 is 10
 01:14:06 Viragni Chand: 4 sets of five and 2 left
 01:14:09 Claudia O'Keefe: Honestly? I remembered that $24 + 13$ was 42
 01:14:09 Sima Deeb: Complete to get another 5
 01:14:11 Aric Barnes: regroup
 01:14:23 Tracie Skok: group 5 together and we get 4 sets and 2 single
 blocks
 01:14:26 Sarah Chu: oh yes
 01:14:29 Jacob Moshe Waxenberg: I really need to brush up on the bases
 01:14:45 Firoza Rahman: same here
 01:14:54 Robin Schwartz: hi Ms Rahman!!
 01:15:05 Gloria BrownBrooks: I need to brush up as well
 01:15:18 harry holloway: I used to do in in summer camps a lot, but I have
 also done it at a parnt workshop
 01:15:48 Firoza Rahman: hey Ms. Schwartz!
 01:15:53 Firoza Rahman: :)
 01:15:57 Robin Schwartz: :)
 01:15:57 harry holloway: understanding ready for...
 01:17:11 Stephenia Courtney: Very eye opening
 01:17:55 Firoza Rahman: lol
 01:18:18 Lauren Davenport: How do you address this learning gap of Base

5 and Base 10 in older students, who clearly need this in 6th grade while trying to teach your curriculum?

01:18:54 Stephenia Courtney: pull groups
01:19:19 harry holloway: Don't change bases with struggling 6th graders. but ten frames
01:19:37 Lauren Davenport: Thank you.
01:19:39 Deborah Chapdelaine: My husband is a carpenter, he'd like this metaphore
01:20:06 Linda Koval: I hated it when we have to adopt new textbooks!
01:20:07 Deborah Chapdelaine: but he's always for new tools... well I should say "more" tools..
01:20:25 Firoza Rahman: students like the generative metaphors even up to AP Calc. it just helps ideas click. lol even me
01:20:30 W Gary Martin: @Deborah And they are all cheap, right?
01:20:48 Carrie DeNote: #TeamJonSnow
01:20:56 Judy Dunmire: @Carrie +1
01:20:58 Shashidhar Belbase: Fill a gap or narrow the gap or bridge to have no gap?
01:20:58 Mike Shaughnessy: Great job Mike!!
01:21:04 harry holloway: metaphors is great!
01:21:10 Firoza Rahman: ah great cliffhanger
01:21:15 Stephanie Liverant: Thank you this has been wonderful!
01:21:17 Carrie DeNote: Thank you!
01:21:18 Linda Koval: Thank you and this session has been amazing!
01:21:19 Chonda Long: The certificate for this session will not be emailed. You will need to access it here -
https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-06-11juyhf.pdf
01:21:23 Claudia O'Keefe: Thank you so much!
01:21:24 Deborah Chapdelaine: LOL yeah sure ! cheap
01:21:43 Milagros Carbonera: Thank you so much for the information
01:21:44 Nahed Sabra: Thank you so much!
01:21:45 Robin Schwartz: which curriculum was chosen?
01:21:50 LeAnna Deveaux-Miller: Thank you all..
01:21:52 W Gary Martin: Thanks, Mike!
01:21:52 Arlene Candelaria: thank you
01:21:55 Lauren Davenport: This was great info. Thank you!
01:21:55 Rommel Daz: thanks
01:21:59 Susan Danskin: when will certificate be available?
01:22:00 Jacob Moshe Waxenberg: Great presentation
01:22:04 Faith Peddie: The certificate for this session will not be emailed. You will need to access it here -
https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-06-11juyhf.pdf
01:22:05 Jet Yeung: Thank you for a very informative session.
01:22:06 Marie Clarke: thank you
01:22:07 Jennielyn Abello: Thank you,
01:22:10 areej mansour: thank you
01:22:11 Carol Matsumoto: Thanks Mike.

01:22:12 Deborah Chapdelaine: Great course
01:22:16 Steven Jarowski: Thank you!
01:22:17 Dennis Manyanga: Great presentation. Thank you
01:22:17 Jill B.: does texting allies to 44222 work from Canada?
01:22:19 Victoria Negri: Thank you!
01:22:20 Chonda Long: The certificate for this session will not be
emailed. You will need to access it here -
https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-06-11juyhf.pdf
01:22:20 Sima Deeb: Thank you Mike, you are awesome!
01:22:24 David Barnes: The certificate for this session will not be
emailed. You will need to access it here -
https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-06-11juyhf.pdf
01:22:25 Ann Wycoff Bagshaw: Thank you for your time and expertise.
01:22:25 Stephanie Skelton: Thank you! This is great information not
just for teaching math but in many areas.
01:22:27 Daniel Irving: Thank you very much!
01:22:27 Frederique Yova: Thank you !
01:22:29 Christina Banta: Thank you!
01:22:31 Tanya Landry: You were delightful. Thanks so much.
01:22:32 Alyssa Foss: Awesome! Thanks
01:22:33 Javier Ruiz Soto: Thank you Mike :)
01:22:34 Lorie Huff: Thank you!
01:22:34 Dila Saktika Negara: thank you mike. what a great presentation :0
01:22:36 Judy Dunmire: This has been AWESOME!!! Thank you!
01:22:37 Ryan Chinchin: So good!
01:22:39 Yvette Martinez: Thank you!
01:22:40 Sarah Chu: thank you so much
01:22:41 Shashidhar Belbase: Putting certificate here is better idea !
01:22:41 David Barnes: The certificate for this session will not be
emailed. You will need to access it here -
https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-06-11juyhf.pdf
01:22:42 Fran Huntoon: Thank you Mike
01:22:42 Kendra Edwards: Thank you. This was an excellent presentation.
01:22:42 April Grimes: Thank you!!
01:22:42 Wahidah Halimahnur: thank you!!!
01:22:43 Firoza Rahman: thank you!
01:22:43 Susan Danskin: Thank you
01:22:45 Rommel Daz: Thank you Mike
01:22:46 Shashidhar Belbase: Great presentation
01:22:46 Laura Cranmer: Great presentation. Thanks so much
01:22:47 Karin Leonard: Thank you so much!
01:22:47 Jill B.: thank you
01:22:48 Robin Schwartz: thanks
01:22:49 Linda Tarry: Thank you - awesome and quick hour
01:22:49 Belen Chug: Thank you!
01:22:49 GERONE ATIENZA: Thank you and keep safe
01:22:50 Jennifer Eaton: Thank you!

01:22:50 Carmelita Nalzarro: Great presentation
01:22:50 Natasha Gambarov: Thank you very much for this session. I have
learned a lot about how to make changes
01:22:51 Dominador Guillermo: thank you so much
01:22:51 Shashidhar Belbase: Thank you
01:22:51 Lesly Brown: Thank you. This was very informative.
01:22:53 Rita Modrzynski: Not enough time!! Thank you so much!!!!
01:22:53 Connie Robertson: You are an amazing, dynamic person, Mike.
Thank you so much. I understood all that you spoke about and wasn't lost once! Very
positive presentation!!
01:22:53 Ariel Ruffin: this is helpful because so many parents can't stand
the "new math"
01:22:53 Stephenia Courtney: Awesome
01:22:54 Rachell Scott: Thank you this was really a great presentation!!
01:22:54 Ann Marcellin: Thank you! Great information!
01:22:54 Diane Tual: Thank you so much. Very informative
01:22:55 Marie Clarke: i didn't get the slides
01:22:55 Thy Dinh: Thank you, Mike.
01:22:56 Kristen Cooper: thank you!
01:22:57 Jacqueline Sciortino: thank you
01:22:58 Firoza Rahman: take care Robin and Harry!
01:22:59 Viragni Chand: Thank you for the great presentation
01:22:59 Sheila Kirton-Robbins: Thank you.
01:22:59 Susan Troutman: Thanks!
01:23:00 Faith Peddie: The certificate for this session will not be
emailed. You will need to access it here -
https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-06-11juyhf.pdf

01:23:01 Anne Marie Hohman: Thank you, this was great!
01:23:01 Mohamed t: I love it.
01:23:02 janice magauay: Thank u so much love the presentation!
01:23:02 Sharon Black-MacKinnon: thank you so much for sharing
01:23:03 Carmelita Nalzarro: thank you awesome
01:23:04 Mike Shaughnessy: Hi Jen!1
01:23:05 Noe Eugenio: Thank you so much Mike!!!
01:23:05 Ron Napper: Great Presentation!
01:23:05 Lisa Lambuth: Thank you so much!!!
01:23:06 Rachell Scott: thank you
01:23:07 Eboney Mckinney: Thanks Mike!
01:23:07 Beth Kobett: Thank you, Mike!
01:23:07 Nell Thurlow: thankyou!
01:23:09 Rolando II Delos Reyes: A very timely talk! heading to a rally now
against our terror bill on this day of our Independence!
01:23:09 Robin Schwartz: thanks Ms Rahman -- rightbackatcha
01:23:10 Faith Peddie: The certificate for this session will not be
emailed. You will need to access it here -
https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-06-11juyhf.pdf

01:23:11 Charleta White-Fletcher: Great
01:23:11 Mohamed t: Thanks so much!! Wonderful!!
01:23:12 Janelle Koski: Great webinar! Thank you!
01:23:14 MIKKO HERMOSURA: this is interesting
01:23:17 susan mitzner: great....thank you so much
01:23:18 Jill B.: texting allies from canada doesn't seem to work
01:23:20 Faith Peddie: The certificate for this session will not be
emailed. You will need to access it here -
https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-06-11juyhf.pdf

01:23:23 Karen Notestine: Thank you!
01:23:24 David Barnes: The certificate for this session will not be
emailed. You will need to access it here -
https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-06-11juyhf.pdf

01:23:24 Aya Zvaigzne: Really great methods for building community.
01:23:25 Mary France Imperial: Great Presentaion. MIke is awesome! head +
heart = success. Thank you so much
01:23:28 Aya Zvaigzne: Thank you.
01:23:36 Tamikia Greene: Thank you so much for this session!
01:23:36 Laura Hope: thank you. I am going to use this as we update our
curriculum

01:23:37 Olga Kosheleva: Thank you!
01:23:39 David Barnes: Is there a certificate?
01:23:43 David Barnes: The certificate for this session will not be
emailed. You will need to access it here -
https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-06-11juyhf.pdf

01:23:43 Jacquelyn Wardlow: Thank You!
01:23:44 Chonda Long: The certificate for this session will not be
emailed. You will need to access it here -
https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-06-11juyhf.pdf

01:23:47 Cheryl Andrews: How can we get access to the presentation?
01:23:47 Milla Aldona Efendi: great, thank you
01:23:50 Kimberly Simpson: very interesting! Thanks!!
01:23:52 Mariella Cacho: Thank you!
01:23:54 Jodi Lynn McGee: This was excellent. Thanks you!
01:23:55 Dave Hankin: Thank you again from Globe, Arizona!
01:23:58 Teresa Bulanda: thank you!
01:24:00 Rolando II Delos Reyes: I am so happy with this talk!
01:24:00 harry holloway: this was amazing what was tht number?

01:24:01 Sara May: thank you
01:24:02 Angelita Beltran: Thank you!
01:24:06 Faith Peddie: @Cheryl, the presentation will be available tomorrow
at www.nctm.org/100

01:24:15 Rolando II Delos Reyes: Thank you so much NCTM :) PHPH
01:24:16 Cheryl Heldt: Thanks, Mike!

01:24:17 David Barnes: The certificate for this session will not be emailed. You will need to access it here - https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-06-11juyhf.pdf

01:24:18 rhonda jeffrey: Your presentation of Intellectual Empathy resonated. Disruption of belief systems and eveloping efficacy (individual and collective are vital...adversaries to allies. Love it. Thank you .

01:24:20 Margaret Pel: Thank you!

01:24:24 Chonda Long: The certificate for this session will not be emailed. You will need to access it here - https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-06-11juyhf.pdf

01:24:24 Brenda McNeese: Thank you. So interesting.

01:24:30 Robin Schwartz: Harry, for the texting 44222

01:24:41 Cindy Bryant: Amazing presentation Mike!

01:24:47 Danielle Grenader: Thank you!

01:24:50 Nora Marasigan: Thank you so much!

01:24:52 paloma carrera: thank you...

01:24:57 Oce Datu Appulembang: thank you so much. Awesome presentation.

I just wanna ask about the certificate for yesterday webinar. How I get it?

01:24:58 Christine Percy: thank you

01:24:58 Anika Watley: Thank you

01:24:59 Arlene Bachinela: thank you so much

01:25:02 harry holloway: amazing

01:25:05 Latasha Little: thanks

01:25:09 Emerlina Binuya: Thank you!

01:25:12 Tatiana Pereyra: Thank you

01:25:16 Mike Wiernicki: Well done, Mike!

01:25:17 Cheryl Andrews: Thanks!

01:25:27 Connie Robertson: Appreciated the stories

01:25:27 Carmelita Nalzaro: amazing presentation Sir Mike

01:25:28 LEONA SENA: thank you

01:25:35 Stephenia Courtney: TY AGAIN

01:25:45 Menchie Besa: Thank you SO much.

01:25:48 LaDonna Allison: thank you

01:25:51 Bishnu Khanal: Thank you

01:25:58 Donna Saylor: thanks from ky!

01:26:15 Rosalyn Bantay: Thanks much..

01:26:26 Carmelita Nalzaro: your presentation is engaging. you're great Sir Mike. Stay safe. God Bless

01:26:39 Arlene Candelaria: thank you again..PHPHPH

01:27:00 KEISHA SMITH: thank you

01:27:04 Dave Hankin: I liked the realization that we may "get it," but it doesn't come that easy to most people.

01:27:05 Laxman Nepal: thank you so much

01:27:10 Robin Schwartz: Harry what did you sell?

01:27:20 Cindy Bryant: Hi Lynn R

01:27:26 Menchie Besa: @arlene Candelaria...nice to see you here.

01:27:37 Claudia Mathison: thank you so much--I have a lot to think

about now:)
01:27:45
supply store

harry holloway: vacuum cleaners door to door, and ran and office