

00:30:51 Trena Wilkerson: Hello from Waco, TX!
00:30:56 Jorge Veloso: Hi! This Jorge Veloso from Dundo city, Angola.
00:30:58 Myra Collins: Good evening from Greentop, MO
00:31:01 Sharon Black-MacKinnon: Good evening from New Brunswick Canada
00:31:04 Trena Wilkerson: Hello from Waco, TX!
00:31:04 Faith Peddie: Welcome everyone! Enjoy tonight's session.
00:31:05 Steven Jarowski: Charles Town, WV
00:31:06 Deborah Chapdelaine: Hello from the Seattle area
00:31:08 Jennifer McMillen: Hi! I am from Fort Worth, TX.
00:31:08 Emily Kavanagh: Hi from Columbia, MD
00:31:08 Samantha Bustos: Hello from Collierville, TN
00:31:10 Leslie Texas: Hi from Louisville, KY
00:31:10 John Simons: Hi from John, Milwaukee, WI
00:31:11 Cindy Bryant: Hi Myra in Greentop, MO!!!
00:31:11 Myeesha Jones: greetings from NJ
00:31:13 Angela London: Hello from Landis, NC.
00:31:15 Lisa Hurst: Hello from Texarkana, TX
00:31:15 Laura Cranmer: Hello from Grand Junction Co
00:31:16 Tami Kreft: Hello from Wahiawa, HI
00:31:16 Necole Atkins-Dowd: Good Afternoon, from Las Vegas,NV
00:31:17 Shannon Wall: Asheville, NC
00:31:18 Katlynn Craig: Kokomo, IN
00:31:18 Daniel Crouse: Hello From
00:31:18 Jennifer Phipps: Hi from Kentucky
00:31:18 Emily Volk: Hi from MA
00:31:19 Janice Magauay: Hi from Maryland
00:31:20 Al Prewett: Milan New Mexico
00:31:20 Angela Tseng: Hello from Los Angeles, CA!
00:31:20 Tim Bobay: Good evening from Raleigh, NC
00:31:21 Diane Anderson: Hi...From Massachusetts
00:31:21 Bina Kachwalla: Hi from NZ
00:31:21 Christina Hall: Hello from Yuma, AZ
00:31:22 Patti Kleinhanzl: Hello from Casa Grande, AZ
00:31:22 Lorie Huff: Hello from Fayetteville, Arkansas
00:31:22 Ali Semanision: Hi, from Los Alamos, NM
00:31:22 amanda Helgerson: Hello from MA
00:31:22 Gloria Flores: Hello from Texas
00:31:23 Jeanine Colwell: hello from Newport, NC
00:31:23 Sandra Silva: hello from West Springfield MA
00:31:23 Janice Holland: Janice Holland from Suffolk, VA
00:31:23 Bonnie Lee: hello from Felton, PA
00:31:23 Alberta Jarmon: Greetings from Nashville TN
00:31:23 Ramona Hall: Hi from Charlotte NC
00:31:24 Brynna Fisher: Hi from Indianapolis, IN
00:31:24 Meg Natan: hello from Dallas, TX
00:31:25 Brittany DiMeglio: hello from NJ
00:31:25 Bonnie Angel: Hello from north Georgia.
00:31:25 Jamie Ward: Boone, NC
00:31:26 Rebecca Ronk: Hi from New Paltz, NY
00:31:27 Katie Gibson: Hello from oregon

00:31:28 Megan Riley: Hi from Ohio
00:31:29 Ronald Austria: Hi! from North Carolina
00:31:29 William Chrobak-Prince: hi from chicago
00:31:29 Daniel Crouse: Hello from Charles Town, WV
00:31:30 Noe Eugenio: Hello from the Philippines!
00:31:31 Maureen Charron: hi from pok
00:31:31 rachel wingo: Hello from Providence, KY
00:31:31 Denise Cruz: Hello from Rockledge, Florida
00:31:32 Kimberly Sudac: Hello from Boise, ID
00:31:33 Jen Loescher: Hello from North Las Vegas, NV
00:31:33 Judy Repici: Judy from cherry hill nj
00:31:33 Cindy Bryant: Greetings from Springfield, MO
00:31:34 Olga Kosheleva: Hello from El Paso, TX
00:31:34 Regina Williams: Miami, Florida
00:31:35 Mary Johnson: HI from Pensacola, Florida
00:31:35 Crystal Dutil: hello from Maine
00:31:35 Amy Robinson: Hi from Danville, Illinois
00:31:35 Ginette Peralta Suarez: Hello from Haslet, TX
00:31:35 Nannette Baker: Hello to all from Dublin, VA
00:31:35 John Sasko: Hi! John S. from Mt. VERNON NY - coaching in The Bronx!
00:31:36 Justin Klinger: Hello from Romeoville, IL
00:31:36 Mary Anne Opila: Hello From Pennsylvania!
00:31:37 Doreen Ho: Aloha from Hilo, Hawai'i
00:31:37 Gabrielle Gentile: Hello from Spencer, NY
00:31:37 Tracey Lamb: Hello from New Hampshire
00:31:37 Carla Hanrahan: Hi from Johnsbury, IL
00:31:38 Melynee Naegele: Hi Steve! So glad to see you! Happy to be learning with you! Melynee in Claremore, OK
00:31:39 Stephanie Caragher: Hello from New Hampshire
00:31:39 Evan Cecere: hi from Pittsburgh, PA
00:31:39 Ann Wycoff Bagshaw: Hello From For Carson, Colorado
00:31:39 Ruth Guenther: Hello from Pennsylvania
00:31:40 Carole Bamford: Hi from Beloeil, Quebec
00:31:40 Katherine Garcia: Hell from Virginia
00:31:42 Deborah Paterson: Hello from Montreal Quebec
00:31:42 Carmela Minckler: Hello from breezy upstate New York!
00:31:42 ELLA CABRERA: HELLO. Good Morning! Watch Here from Philippines
00:31:42 Kristin Asa: Hi from Las Vegas
00:31:43 Rita Shamrock: Hi From Rita in Senoia, GA
00:31:46 Liz Swerling: Walnut Creek, CA
00:31:47 Cristina Wong: Hello from Los Angeles
00:31:47 dana dulzo: hello from dana in novi mi
00:31:47 Kane Cortez: Hello from Dallas, TX
00:31:47 Jaclyn Murray: Hi from Cumming, GA
00:31:47 Deniz Çakır: Greetings from İzmir,Turkey
00:31:49 Sonja Gordy: Hello from Ellijay, GA
00:31:49 Dave Hankin: Hello from Globe, Arizona.
00:31:50 Jennifer Alsen: Beverly, MA
00:31:51 Eme Grace Suarnaba: Hello from Texas!

00:31:51 Monica Roland: Good evening from Savannah, Ga
00:31:51 William Speer: Bill Speer Las Vegas
00:31:52 ANALINE BAUTISTA: Analine Bautista from Philippines
00:31:53 Maryn Foote: Long Beach, CA
00:31:55 Mary Dugas: HI! Mary in Lafayette, LA
00:31:55 Laurie Walker: Hi from Northampton,MA
00:31:56 Janet Watts: Hello from Vermont
00:31:57 William Luke: Hello from Central Texas
00:31:57 Karen Notestine: Hello from Reaford NC
00:31:58 Christina Siow Young: Hello from Monrovia, CA
00:31:58 Tamala Miller: Hello Tamla from Memphis, TN
00:31:58 Audrey Campbell: Hello from Waldorf, MD
00:32:01 Sharon Laahs: Hello from Scottsdale, AZ
00:32:04 Amy Dowdle: Hi from Wentworth, NC
00:32:04 Keli Heath: Hi from Mansfield Texas
00:32:05 Penina kamina: Hi From Oneonta NY
00:32:06 Latrenda Knighten: Hello from Baton Rouge, LA
00:32:06 Laura Culp: Hello from Kansas City
00:32:06 Patti Gawronski: Hi from Texas
00:32:08 Jill Perry: Hello! Is there closed captioning tonight?
00:32:09 Marissa Bay: Hi from Chicago!
00:32:11 Chris McKinney: Hello from central Florida!
00:32:11 Colleen O'Brien: Hello again, from South Bend, IN
00:32:11 Chryste Berda: Hola! from Chryste in Buckeye, Arizona
00:32:12 Julie Benotti: Hello from Kingston, MA
00:32:12 Claudia Sever: Hello from Palm Beach, Florida
00:32:14 beth blumberg: Hi! From Westborough Massachusetts
00:32:15 Debra Odle: Hello from Mesa, AZ
00:32:18 Linda Thommen: Hi from Salem, Oregon!
00:32:18 Barbara Boschmans: Hi from Flagstaff, AZ!
00:32:19 Dewey Gottlieb: Aloha from Hawaii! Hi Steve!
00:32:19 India Puch: India from Columbia SC
00:32:20 Sandy Silverman: Hello from Hillsborough, NC
00:32:20 Kelley Manning: Hi Everyone! From Inglewood USD
00:32:21 Jackie Murawska: Hello! This is Jackie Murawska from Chicago.
00:32:22 Melissa Abdoo: From Ballston Spa, NY
00:32:24 PATRICK GUERRA: Hi from Philippines!
00:32:24 Modena Paulsen: Hello! Tempe, AZ
00:32:24 Kelli Freiwald: hello from PA
00:32:25 Laura Smyczek: Hello from Gibbsville, WI
00:32:27 Brandi Fleckenstein: Hello from Burnsville, NC!
00:32:28 Essence Brice: Hello EVERYONE! -From Mobile, AL
00:32:28 Lindsey Heefner: Hifrom Mansfield, Texas!
00:32:28 Grace Vaught-Smith: Hi from Rifle, CO
00:32:29 Laurie Rigg: Greetings from western North Carolina.
00:32:31 Beth Snoop: hello from holland michigan
00:32:31 Dana Nelson: Hello from East Berlin,PA
00:32:35 Melissa Soto: Hello from San Diego, CA
00:32:36 Esther Winikoff: hello from Baltimore, MD!
00:32:36 Katie Johnson: Hello from Colorado

00:32:38 Marla Aehlert: Howdy from Gold Canyon, Arizona
00:32:40 Portia Felder: Greetings from Snellville, GA grades 6 - 8
mathematics
00:32:42 joan mascola: Hi everyone. From hammonton, new jersey
00:32:42 Eva Gomez: Hello from Avondale, Az
00:32:43 Daniel Seif: Good evening from Bensalem, PA
00:32:44 Sabrina Nikaghanri: Hello from Dallas Texas
00:32:45 SAPNA SHARMA: Hello from Nogales, Arizona
00:32:47 Margie Acabal: Hello! from Philippines!!
00:32:51 Wendy Kraft: Hi from Silverdale, Washington
00:32:51 Denika Gum: Hi from Virginia
00:32:51 Veronica Kwok: Hello from Queens NYC
00:32:53 Alexandra Brook: Hi. Alexandra Brook rom Chicago, IL
00:32:53 Jolene Peterson: Hello from Kansas!
00:32:54 Jet Yeung: Hello Everyone--Jet from Henderson, Nevada
00:32:55 Suzanne Smith: Hello, from Mississippi
00:32:56 Beverly Krumpe: Hello from Paris TX
00:32:57 Carole Castonguay: Hello from Pits
00:33:00 Mohamed Jamaludeen Thirapusa Mohaideen: Hi, This is Mohamed from CT
00:33:02 Vicki Roman: Hi from Worcester, MA!
00:33:03 Carole Castonguay: Pittsfield, ma
00:33:03 Josephine Peralta: Hello from Philippines...Blessed morning
00:33:05 Lori Krebs: Hi from Omaha, NE
00:33:05 Daniel Irving: Hello from North Providence, RI!
00:33:07 Amy Rushall: Hello from Flagstaff, AZ. Proud member of NCTM
state affiliate AATM (aatm.org)!
00:33:09 Pamela Stark: Hello from Massachusetts!
00:33:10 Kelly Sotsky: Hello from Massachusetts!
00:33:11 Katelyn Devine: hey from Richmond, VA
00:33:12 Cynthia Harnew: Greetings from Elgin, IL
00:33:12 Jennifer Burns: Remote teaching from Wilmington, NC, but home is
Graham, NC
00:33:13 Kimberlee Margosian: Monterey, CA
00:33:13 Melody Hahs: Hi from Phoenix, AZ
00:33:13 Angelica Johnson: Hi from Memphis, TN
00:33:14 Stacy Wozny: Hello from Mooresville, NC
00:33:14 Amy Tucker: Hi from Wayne, Maine, USA
00:33:15 Laura Markert: Atlanta, GA
00:33:15 Tracey Sweeney: Hello from Arizona!
00:33:15 Laura Marino: Hello from Yuma Arizona!!
00:33:16 David Martinez: Hello from New Mexico
00:33:16 Jen McFall: Hello from Seattle Washington
00:33:16 Michelle Hutsell: Hello from Chattanooga!
00:33:17 Tracey DeBuff: Hello from Goodyear, AZ
00:33:17 Beth Seyler: Hello from
00:33:18 Barbara Harvey: Hello from Pittsburgh Pa.
00:33:18 Brian Miller: Hello from Lynchburg, VA
00:33:18 Grace Weissmann: Hello from Baltimore, MD
00:33:18 Sonia Monroy: Dallas, TX
00:33:19 Tiffany Beier: Hello From Lake Charles, Louisiana!

00:33:19 Leigh Fletcher: Hello from MD
00:33:20 Angela McCray-Hancock: Hello from Greensboro, NC
00:33:20 Amy Tuckwell: Hello from Arlington, WA!
00:33:22 Tara Soto: Hello from South Plainfield, NJ.
00:33:23 Kristen Harris: Hello from LaVergne, TN
00:33:24 Polly Kimminau: Tucson AZ
00:33:24 Joanna Babbitt: Hi from Vaughn Bay, WA
00:33:24 Cheryl Tavernelli: Plymouth, MA
00:33:25 Amy Goetzman: Hello from Pittsburgh PA
00:33:25 Melissa Sherwood: Hello from Glendale, AZ
00:33:25 Ellen Metzger: Hi from Newton Massachusetts!
00:33:27 Abdul Razak Othman: Hello From Malaysia
00:33:27 Rekha Shirtekar: Hello from Austin, Texas
00:33:28 Cynthia Brunk: Hello from Virginia! :)
00:33:29 iPad Kimberly: hello from Charlotte, NC
00:33:29 Mary McCright: Mary from Chicago
00:33:29 Sheila Webb: Reidsville, NC here! Hello
00:33:29 Ruby Garofalo: Hi from Charlottesville, Virginia!
00:33:30 Katy Gill: Hi, from Cincinnati OH
00:33:30 Warren Ledbetter: Hello from the forgotten state, New Mexico
00:33:30 BillyJean Smith: hey from Lincoln DE
00:33:31 Eva Mazier: Hello from Washington DC
00:33:31 Peta-Gaye Benjamin: Hi from Edenton NC
00:33:31 JARHONDALYNN Cameron: JaRhondaLynn 'Lady Mathlete' Cameron;
Dallas, TX
00:33:31 Molly Hagmann: Aloha from Kaneohe, Hi
00:33:32 Stacy Miller: hi from Brick NJ
00:33:34 William Luke: William Luke from Central texas
00:33:35 Denise Loy: Chicago, IL here
00:33:36 Maren McMartin: Hi from Minneapolis MN
00:33:37 Darius Hatcher: Dc
00:33:37 Beverly Keane: Raleigh, NC
00:33:37 Linda Fulmore: Greetings from sunny AZ!
00:33:37 Deborah Farmer: Surf City NC
00:33:38 Phyllis Creech: Phyllis from Savannah Ga
00:33:38 Kate Reardon: Hello from Hatboro, PA
00:33:38 irma maceachern: From Beautiful New Hampshire
00:33:40 Mariana Alwell: Hello from Boulder Creek, CA
00:33:40 Mary Kearney: Yes!
00:33:41 Lesly Brown: Hello from East Tennessee!
00:33:42 Kelly Dobesh: Buckeye, AZ
00:33:42 Angela Leonard: Hello, Galax, VA
00:33:43 Deirdre Murphy: hello from iowa
00:33:44 Sallymar Tomassini: Hello from Bensalem,PA
00:33:45 GARRETT ENGLISH: Hello from Amarillo, TX!
00:33:46 Delicia Laster: Delicia from Milwaukee
00:33:48 Ross Russell: Hello from Westchester, California!
00:33:48 Faith Peddie: Did you have a specific question?
00:33:53 Rosaline Williams: Hi from Yuma, AZ!
00:33:54 Cindy Luper: Hi from Arkansas

00:33:55 Dawn Formanek: Hi from Trumbull, CT
00:33:56 Stephenia Courtney: Hello from Las Vegas, NV
00:33:58 Nikita Brooks: Hey from Bimini, Bahamas
00:33:58 Sara Lynn Cannady: Hello, from Sampson County, NC
00:34:10 Mary Ann Bulalacao: Good evening everyone
00:34:10 Kristy Comer: Hello from Eagle Springs, NC
00:34:10 Susan Kelly: Hi! From Alamogordo, New Mexico
00:34:13 Faith Peddie: Did you have a specific question?
00:34:15 Kara Nagle: Aloha from Oahu, HI!
00:34:18 Dave Hankin: Originally from Bucks County Holland, PA
00:34:23 Nataliya Bondar: Hello from Florida!
00:34:28 Caroline Mitchell: SLC, UT, USA
00:34:29 Miranda Lambert: Hi from Boise, Idaho
00:34:30 Shonda Moore: Hello from Austin, TX!
00:34:31 Kimberly Rimbey: Hi all from Phoenix, AZ!!!
00:34:36 Kimberly Rimbey: Hi Steve!!!!
00:34:42 Chelsea Sell: Hi from Atlanta, Ga!!
00:34:44 Julie Lambert: Hello from Fort Walton Beach, Florida
00:34:47 Wendy Kraft: by Steve Leinwand
00:34:50 Latasha Little: Hi From the Windy City!
00:34:50 PATRICK GUERRA: Thank you
00:34:55 Ivy Kong: Hi Steve!
00:34:58 Elena Ouimette: Hi from Atlanta!
00:35:02 Emily Roderick: Hi from Maricopa, AZ
00:35:04 Denise Juern: Greetings from Libertyville,
00:35:05 RIOLEN RUDIO: good day from Philippines
00:35:19 Bob Pack: Hello from Westminster, MA
00:35:21 Amber Scholl: Columbus, Ohio
00:35:28 bonnie manzon: Vallejo, ca!
00:35:30 Alanna Prudhom: Hi! from Franksville, WI
00:35:42 Ann Marie Nee: Hello from Scarsdale, New York!

00:35:47 Jesse Ambriz: hi from pennington, new jersey
00:35:53 Sharon Black-MacKinnon: Wow!!
00:35:54 Rossini Ortega: Hello everyone! - from the Philippines!
00:36:01 Jessie Castro: Greetings from Azusa, CA!
00:36:02 Emily Kavanagh: Wow lots of places
00:36:08 Pamela Douglas: hello from florida
00:36:09 Robert Berthiaume: Hello Alanna Prudhom from Franksville, WI
00:36:36 Jan Back: Hello from Jan Back in Hampton, Tennessee
00:36:49 Joyce Meier: Hello from Chicagoland
00:36:51 Alexandra Brook: LOL!
00:36:58 mike murphy: Hello all!
00:37:07 Amy Robinson: 7th grade is too young for Algebra
00:37:15 Muhammad Ghiyats Ristiana: :)
00:37:25 Ivy Kong: RIP to young brain cells...
00:37:33 Konnie Guthrie: Hello from Las Vegas
00:37:40 JARHONDALYNN Cameron: I LOVE Steve! Best times Ever with him...
00:37:55 Imelda Jimenez: Hello Good morning . Watching from Phillipines.
Mabuhay!

00:37:56 Penina kamina: lol
00:37:56 Robin Schwartz: thanks Steve as always
00:38:05 Megan Riley: Hi steve
00:38:10 Robyn Headifen: kia ora from New Zealand
00:38:13 Nannette Baker: Just finished teaching Algebra 1 and moving to middle school..... so excited. I don't like the discriminant either.
00:38:39 Maryn Foote: So true!
00:38:45 Cindy Luper: Agreed!!!!
00:38:48 Mohamed Jamaludeen Thirapusa Mohaideen: I love it!
00:38:51 Victoria Truman-Dooley: YES!!
00:38:53 Emily Kavanagh: I agree with that!
00:38:55 India Puch: AMEN!!!
00:39:03 Ali Semanision: Preach!!
00:39:03 Megan Riley: Yep, preach man
00:39:09 Essence Brice: You are PREACHING tonight!
00:39:10 Leslie Sorace: Let's Play!!
00:39:11 Lorie Huff: Straight Talk!
00:39:14 Jolene Peterson: Amen. Preach, Steven!
00:39:18 Maryn Foote: I did with my 6th, 7th, and 8th graders; but not my 5th graders
00:39:20 Mohamed Jamaludeen Thirapusa Mohaideen: No more stress!
00:39:21 Warren Ledbetter: Research proves: play = retention, My sped students may not know math, but they can rattle of all 32 secret moves in thier favorite game.
00:39:24 Sudean Goodpaster: AMEN!!!!!!!!!!
00:39:25 Melissa Soto: WHOA!!!
00:39:26 John Sasko: YES Steve!!
00:39:29 Ellen Williams: Fun with numbers... students need to play!
00:39:31 Leah Cottrell: AMEN!
00:39:31 Mohamed Jamaludeen Thirapusa Mohaideen: Let's enjoy.
00:39:31 Suhana Kadoura: 🙌
00:39:32 Leslie Sorace: ABSOLUTELY!
00:39:33 Jet Yeung: you are so right with the straight talk.
00:39:33 Cruz Flores Vazquez: HE KNOWS
00:39:33 Ellen Metzger: Let alone knowing that the graph of a line or curve represents the set of x and y that make the equation true!
00:39:35 iPad Kimberly: play = retention
00:39:40 Imelda Jimenez: From Imelda Jimenez good morning! From Philippines Mabuhay!
00:39:40 Josephine Peralta: agree
00:39:43 Cruz Flores Vazquez: We're not worthy
00:39:46 Amber Scholl: Followed up by ridiculous testing!
00:39:48 Leslie Salinas: how do you turn off the chat box
00:39:54 Gloria Flores: Love to Play
00:39:58 William Luke: State and Common Core Standards have taken the fun out of learning,
00:39:58 Julie Hutchinson: My daughter took the Calc BC test today!
00:40:07 Leanna Foreman: You can't turn it off, you can close it but it still blinks
00:40:12 Maryn Foote: Let go of ACT, SAT, and AP. . .allow for other ways

we measure people

00:40:14 Jennifer Landon: Hi from Springfield, Illinois
00:40:24 Konnie Guthrie: Especially when textbooks/ worksheets use ridiculous numbers that you would never use in the real world.
00:40:33 Amy Tucker: You can pop out the chat box and hide it behind your screen.
00:40:45 LA VERNE MITCHELL: Agreed. Hello from Queens, NYC
00:40:46 JARHONDALYNN Cameron: YES!
00:40:48 Sandy Silverman: full screen also hides the chat box
00:40:52 Stephanie Bell: Hi from St Louis, MO
00:40:56 Dave Hankin: Love the slides. Thanks!
00:40:59 amanda Helgerson: YESSSS!!!!
00:41:03 C Robertson: Agreed!
00:41:06 Denise Walston: Hi from Chesapeake Va
00:41:09 Konnie Guthrie: I really appreciate having the slides. It keeps me focused instead of writing as fast as I can.
00:41:12 Rebecca Ronk: I rework a lot of resources to make them realistic
00:41:14 Gloria Flores: Yes Awesome
00:41:43 Tiffany Beier: yes
00:42:15 JARHONDALYNN Cameron: LOVE the lineup for this session
Play/Model/Inform/Stimulate/Challenges
00:42:18 Eme Grace Suarnaba: you really hit a home run in here
00:42:54 irma maceachern: WE need to connect Algebra to real world problems. My 8th grade students build projects. We collect data. We play with skittles to model exponential functions. Yes, kids can learn Algebra in Grade 7 or 8 ...which the right tools and the right teacher. Not all teachers are meant to teach the amazing math to some amazing young minds.
00:42:56 Debi Csulak: I love seeing everyone from all over the world.
Hello from Bakersfield, CA
00:43:12 JARHONDALYNN Cameron: YES! Absolutely! That is the Wave of the Future
00:43:16 PATRICK GUERRA: Mabuhay from Philippines
00:43:17 Hsiao-Ting Chiou: Yes
00:43:20 Anna Ingiosi: Yay!
00:43:20 Samantha Bustos: Wendy's or nothing!
00:43:22 Denise Cruz: yes
00:43:23 amanda Helgerson: yes!
00:43:23 Eme Grace Suarnaba: yes
00:43:25 Maryn Foote: Taco Tuesday
00:43:25 Bina Kachwalla: yes
00:43:25 Darius Hatcher: yes
00:43:25 Gloria Flores: Yup
00:43:26 LA VERNE MITCHELL: Yes!
00:43:27 Lindsey Heefner: free
00:43:30 Samantha Bustos: free
00:43:30 JARHONDALYNN Cameron: So Ready!
00:43:30 Darius Hatcher: menu
00:43:32 Lindsey Heefner: FREE
00:43:39 Ange Kendall: Free
00:43:42 Ellen Williams: I love Menu Math! It's real!

00:43:42 Ange Kendall: Muffins
00:43:43 Samantha Bustos: expired
00:43:46 Darius Hatcher: Limit
00:43:46 Ange Kendall: Dunkin Donuts
00:43:47 Hsiao-Ting Chiou: 6 muffins
00:43:52 Ange Kendall: dozen
00:43:53 Emily Kavanagh: Yum
00:43:56 Samantha Bustos: expired
00:43:57 Ivy Kong: 1991?
00:43:58 Ange Kendall: butter
00:43:58 Kimberly Sudac: That doesn't seem like a good deal
00:43:59 Amy Robinson: Nothing is free!
00:44:00 Dave Hankin: , Percentages
00:44:01 Latrenda Knighten: the donuts aren't really free
00:44:02 Maryn Foote: Free and buy are in the same context
00:44:02 Jamie Ward: Small print
00:44:03 Stacy Miller: not free
00:44:03 Ange Kendall: tax included
00:44:03 Gloria Flores: Yum muffins
00:44:04 Deborah Paterson: Nothing is free
00:44:05 Rebecca Ronk: buy 3 get 3 free
00:44:07 Darius Hatcher: both
00:44:09 Mohamed Jamaludeen Thirapusa Mohaideen: No free
00:44:09 Samantha Bustos: both is good
00:44:10 Leslie Sorace: both
00:44:11 Jamie Ward: Breakfast
00:44:13 Jill DeLeon: dessert
00:44:13 Megan Currier: breakfast
00:44:13 Audrey Campbell: both
00:44:13 Grace Vaught-Smith: You're paying for all six muffins
00:44:13 Ange Kendall: breakfast
00:44:13 Amy Tuckwell: dessert
00:44:14 Gloria Flores: Breakfast
00:44:14 Melissa Luzano: dessert
00:44:14 Hsiao-Ting Chiou: both
00:44:15 Emily Kavanagh: Both
00:44:15 Lindsey Heefner: hmmm... both
00:44:15 Maryn Foote: lol dessert
00:44:15 Liz Swerling: either
00:44:19 Melissa Rumbaugh: both =) Everyone can answer that.
00:44:21 Gloria Flores: and dessert
00:44:22 Amy Robinson: Breakfast
00:44:23 Janice Magauay: both
00:44:23 Barbara Boschmans: Get 3, pay for 6 then 3 free = full price
00:44:24 Tamala Miller: Both!!
00:44:24 LA VERNE MITCHELL: both
00:44:25 Bill Tozzo: Looks like neither ...
00:44:30 Ange Kendall: goes back to low floor high ceiling!
00:44:31 Kimberly Sudac: Isn't the best breakfast the same as dessert?
00:44:33 Ellen Metzger: You pay for 6 muffins and get 6 muffins. How is

anything free?

00:44:34 Genesis Reyna: both
00:44:37 Caroline Mitchell: Muffins are the same as dessert.
00:44:38 Kimberly Sudac: butter
00:44:39 Amy Robinson: Butter
00:44:39 Linda Thommen: Muffins are dessert!
00:44:40 Amber Scholl: I just want them!
00:44:43 Cruz Flores Vazquez: Butter
00:44:45 Gloria Flores: butter
00:44:46 Michelle Webb: butter
00:44:49 Mary Kearney: The kids may leave and go to DD!
00:44:57 Ellen Metzger: But there are five muffins in the picture, right?
00:45:02 Deanne Wah: chocolate turtles
00:45:02 William Luke: In college it was both
00:45:15 Katia Amaral: Now I want a DD run!
00:45:15 Dave Hankin: 4 muffins
00:45:26 Imelda Jimenez: both
00:45:26 JARHONDALYNN Cameron: During Quarantine it is BOTH and in some cases an entire meal
00:45:30 LA VERNE MITCHELL: visual representation
00:45:33 Shonda Moore: I see 4 muffins.
00:45:52 Portia Felder: I see 10 pounds.
00:45:54 Ellen Metzger: Is that one in the front broken in two?
00:45:59 Dave Hankin: Nice!
00:46:00 Maryn Foote: Discourse begins in a safe way. . .
00:46:08 Dave Hankin: Yes it is
00:46:15 Grace Weissmann: Can't you have ice cream for dessert?
00:46:20 LA VERNE MITCHELL: anticipatory set
00:46:26 Grace Weissmann: Can't you have ice cream for breakfast
00:46:38 Amy Robinson: Nothing
00:46:39 Claudia Sever: Nothing
00:46:40 Cruz Flores Vazquez: No cost
00:46:44 Ali Semanision: at no cost
00:46:50 Holly Baker: No such thing
00:46:53 Lindsey Heefner: no additional payment
00:46:56 Ange Kendall: muffins but you have to pay for donuts first
00:46:59 Stephenia Courtney: without cost
00:47:00 Claudia Sever: There are 6 muffins for a 1/2 dozen price
00:47:02 Dave Hankin: Just noticed it...
00:47:10 BillyJean Smith: it is not free you have to buy something to get the free stuff
00:47:10 Dave Hankin: 0
00:47:12 LA VERNE MITCHELL: none
00:47:12 Warren Ledbetter: None are free
00:47:13 Leigh Fletcher: 0
00:47:13 Ellen Metzger: 0
00:47:13 Molly Hagmann: zero
00:47:14 Janice Magauay: none
00:47:14 Mary Anne Opila: none
00:47:15 Hsiao-Ting Chiou: 0

00:47:15 Denise Cruz: none
00:47:16 Amy Robinson: You are getting 6 muffins for the price of 1/2 dozen. so none are free
00:47:16 Daniela Graham: none
00:47:17 Michelle Webb: 0
00:47:18 amanda Helgerson: none
00:47:18 Ross Russell: none
00:47:18 Eme Grace Suarnaba: 0
00:47:19 Modena Paulsen: 0
00:47:22 Imelda Jimenez: From Imelda Jimenez None
00:47:22 Regina Williams: none
00:47:23 MARIA THERESA R. ABUNDA: 0
00:47:24 Cheryl Tavernelli: none
00:47:25 Stephenia Courtney: 0
00:47:33 John Sasko: there's a condition
00:47:35 Warren Ledbetter: 3+3= 1/2 dozen at the 1/2 dozen price
00:47:39 Samantha Bustos: money is a construct
00:47:42 Bernita Johnson: Wait...what? WOW!!
00:47:44 Deanne Wah: this is from 1991. not free for us haha
00:47:44 Paula Cardea: NONE
00:47:44 Eme Grace Suarnaba: you've got to buy something first
00:47:44 Ali Semanision: you get 6 for half price
00:47:44 Amy Tucker: Is it a half-price half dozen?
00:47:47 Josephine Peralta: none
00:47:47 Muhammad Ghiyats Ristiana: we have to pay a half of 1/2 dozen price
00:47:48 ReyceI Pacaanas: none because you have to pay 6
00:47:57 Nannette Baker: 6 for 1/2 dozen price
00:48:03 Konnie Guthrie: Bait and Switch
00:48:08 Julian Embrey: Hello, Julian from Nashville, TN
00:48:12 Dave Hankin: Indeed!
00:48:16 Milagros Smith: you have to buy three to get 3, in other words, they are 50% off
00:48:18 Rebecca Ronk: None because you have to buy 3 in order to get other ones
00:48:22 Warren Ledbetter: It says the regular 1/2 dozen price
00:48:24 Darius Hatcher: 3 more than the half dozen
00:48:25 Stephenia Courtney: I AGREE!!!!
00:48:27 Amber Scholl: Hahaha!
00:48:30 Ruby Garofalo: YES!
00:48:32 Caroline Mitchell: Just stop!
00:48:32 Teresa Bulanda: they not free!
00:48:33 Janice Magauay: You. Get 3 for the price of 6, then get another three so you basically paid for all of it
00:48:47 William Luke: We need to keep the politics out of this lesson.
00:48:50 Amber Scholl: You're paying double for 3 muffins!
00:48:55 Caroline Mitchell: No politics!
00:49:02 LA VERNE MITCHELL: Love your approach!
00:49:12 Kimberly Sudac: I agree, Caroline!
00:49:13 amanda Helgerson: LOVE your energy!!!

00:49:25 Laura Marino: We can't, when politics is education.
00:49:25 Melissa Luzano: Math is political
00:49:27 Diane Anderson: I agree
00:49:34 Dave Hankin: Real life
00:49:35 Grace Weissmann: Thank you for saying that about white
privilege
00:49:36 Caroline Mitchell: No, it's not! It's math.
00:49:36 Stephanie Waterman: Real world situation!
00:49:39 LA VERNE MITCHELL: C
00:49:48 Victoria Truman-Dooley: Agree, Melissa L!
00:49:50 Stephenia Courtney: Politics is education!!!!
00:49:50 LA VERNE MITCHELL: "Context does entail bias"
00:49:50 Pamela Liegl: Perkin's offers similar ad and my husband always
wants 6.
00:49:55 Melynee Naegele: I LOVE that we are getting the Authentic
Steve!
00:49:59 Katia Amaral: Love "math is political"...great energy Steve!
00:50:03 JARHONDALYNN Cameron: @AmandaHelgerson He is so Awesome! Even
better in person
00:50:06 Darius Hatcher: Real life situation
00:50:10 Maria Dolores Estravez: Hello from Fort Washington, MD
00:50:18 Janice Magauay: real-world problem
00:50:29 Kimberly Sudac: Let's focus on how to deliver engaging lessons, not
on the intelligence of certain people in our society.
00:50:31 Bina Kachwalla: Sharing is learning
00:50:33 Michelle Hutsell: His comments have nothing to do with math.
Just because someone is white and owns a gun doesn't make them stupid. Sorry!
Could have done without that comment.
00:50:38 fran V.: hello
00:50:43 Cruz Flores Vazquez: That's what he is doing
00:50:44 Darius Hatcher: explaining their reasoning
00:50:47 Robin Alves: Is Desmos free?
00:50:49 Ross Russell: Real math is our white ancestors working hard to
establish our nation and making a living for their families
00:50:53 Caroline Mitchell: Yes, Michelle!
00:50:55 Rolando II Delos Reyes: math should be as practical as this! removes
math anxiety
00:50:55 Amy Tucker: Desmos is free
00:51:00 Amanda Walker: Desmos is free
00:51:19 JARHONDALYNN Cameron: @Robin Alves, Yes Desmos is free...
00:51:20 Amanda Walker: I love estimation 180
00:51:24 David Barnes: Yes, Desmos is free.
<https://www.desmos.com/>
00:51:25 Mohamed Jamaludeen Thirapusa Mohaideen: Great delivery.
00:51:27 amanda Helgerson: Tried Estimation 180 for the first time
today. The kids really liked it
00:51:30 Dave Hankin: Ross, are you Serious?
00:51:31 Amanda Walker: I started using it this year!!
00:51:50 Darius Hatcher: Cool
00:52:05 Grace Weissmann: Ross, you forgot slavery

00:52:07 Mohamed Jamaludeen Thirapusa Mohaideen: Realistic
00:52:07 Paula Cardea: So happy he is referencing Desmos!! It's amazing.
Our district is looking to pilot it for our 7th and 8th grade curriculums next year.

00:52:09 JARHONDALYNN Cameron: Is Estimation 180 a website or a lesson
00:52:20 Konnie Guthrie: I wish Desmos had more lessons for middle school.
00:52:22 John Sasko: A website
00:52:25 Julie Benotti: Estimation 180 is a website
00:52:35 Amy Tucker: There are TONS of middle school Desmos lessons
00:52:36 Mohamed Jamaludeen Thirapusa Mohaideen: desmos awesome
00:52:40 Grace Weissmann: I use Desmos for 7th and 8th grade
00:52:43 Maria Dolores Estravez: @Konnie I totally agree
00:52:44 Ellen Metzger: You can make your own activities in Desmos. there
are tutorials.
00:52:46 JARHONDALYNN Cameron: @Konnie I have adapted the lessons for my
8th graders.
00:52:55 John Sasko: Look for esti-mysteries as well - website
00:53:01 Caroline Mitchell: You guys, what's the best way to get trained
up on Desmos?
00:53:01 Rebecca Ronk: Desmos is great! Some of the activities I modify for
7th and 8th graders
00:53:02 Amanda Walker: It's a website that offers 180 days of estimation.
google it. I use it for bellwork A LOT!!
00:53:05 Darius Hatcher: how many pancakes were eaten
00:53:07 Mohamed Jamaludeen Thirapusa Mohaideen: Model- nice teaching
strategy
00:53:08 David Barnes: <http://www.estimated180.com/>
00:53:09 Grace Weissmann: esti's are great and kids love them
00:53:14 Amber Scholl: Did he use syrup?
00:53:15 Julie Hutchinson: My 6th graders LOVED the collect the
coconuts on desmos for coordinate plane
00:53:15 Cindy Bryant: <http://www.estimated180.com/>
00:53:21 Janice Magauay: How many pancakes and how long did it take him to
consume all of those pancakes
00:53:22 Genesis Reyna: how many were eaten?
00:53:26 Maria Dolores Estravez: That's my next project: learning how to
create activities in Desmos
00:53:27 Darius Hatcher: how long did he have to eat pancakes?
00:53:27 Dawn Hogan: I have been creating self-checking Desmos lesson
from the Open-Up Resources curriculum for my kiddos to complete during distance
learning.
00:53:31 Amy Robinson: How big were the pancakes? By weight or number of
pancakes? How many were eaten?
00:53:32 Ali Semanision: pancakes, flapjacks, or crepes
00:53:33 Emily Kavanagh: Wow
00:53:39 Janice Magauay: for how much Time?
00:53:40 Ellen Metzger: Caroline, just go to Desmos and play around. And try
the tutorials.
00:53:41 JARHONDALYNN Cameron: @Caroline use their training videos or even
You tube

00:53:42 Amber Scholl: How long did he have to eat them?
00:53:53 Caroline Mitchell: Thanks, Ellen.
00:54:05 Grace Weissmann: in how much time
00:54:06 Stacy Miller: how long
00:54:07 Ellen Metzger: How big are the pancakes
00:54:09 Paula Cardea: silver dollar pancakes?
00:54:10 Leslie Texas: Size of pancakes
00:54:11 Cruz Flores Vazquez: How thick?
00:54:11 Caroline Mitchell: Thank, Jarhondal
00:54:12 Ruby Garofalo: How long did it take to eat those?
00:54:15 Mary Anne Opila: diameter
00:54:15 Konnie Guthrie: I saw a presentation for Mathigon, which will be awesome when there is more on there.
00:54:21 Ange Kendall: Were they dry? Could he use a liquid to help?
00:54:22 Ali Semanision: mass
00:54:22 Darius Hatcher: average
00:54:25 Grace Weissmann: are these flour bsased?
00:54:26 Melynee Naegele: I wonder why Peter started eating pancakes for a record instead of enjoyment. I wonder what his digestive system is like. Did he eat them with syrup or jam? Pancakes make my stomach hurt! Di
00:54:31 Lindsay Mendoza: with or without syrup?
00:54:38 Suzanne Smith: What kind of pancakes?
00:54:45 Cruz Flores Vazquez: With ice cream? Whip cream? Melted butter?
00:54:45 Melynee Naegele: Are the pancakes leavened or unleavened?
00:54:46 Michelle Hutsell: Jam with pancakes?
00:54:48 Bina Kachwalla: love I wonder questions
00:54:51 Cruz Flores Vazquez: too many questions, too little time
00:54:52 Grace Weissmann: maple syrup?
00:54:53 Ali Semanision: eating w/hands or fork/knife
00:54:53 Caroline Mitchell: Are they gluten-free?
00:54:54 John Ling: 8th grade, how about the density of the pancakes!
00:54:55 Ellen Metzger: How tall?
00:54:56 Emily Kavanagh: I love pancakes but not that much
00:54:57 Ross Russell: a good commercial for Pepto Bismol
00:54:57 Skip Fennell: How thick
00:55:02 Amy Robinson: How long did he have to eat them?
00:55:03 Nannette Baker: How many pancakes can the AVERAGE person eat?
00:55:04 Bill Tozzo: Volume and density
00:55:14 Ellen Metzger: Are they dense?
00:55:22 Diane Anderson: how thick
00:55:26 Cruz Flores Vazquez: Diameter?
00:55:30 Dave Hankin: What's average??
00:55:33 Ellen Williams: Lots of variables... advertising can be deceiving
00:55:34 Janice Magauay: How old is Peter?
00:55:46 Cruz Flores Vazquez: Oh nice question^
00:56:03 Lindsey Heefner: is anyone else laughing like a middle-schooler???
00:56:06 Ellen Metzger: Was there a previous record that Peter was trying to beat?
00:56:08 Megan Currier: less

00:56:12 Shonda Moore: LOL!!!!
00:56:18 Maryn Foote: Pinks Hot Dogs in CA
00:56:18 Michelle Barrera: I want to be in his class. Lol
00:56:24 Ange Kendall: Did he keep the same rate?
00:56:25 Maryn Foote: I so want a Dodger Dog
00:56:27 Bina Kachwalla: What do we know about Peter?
00:56:31 Ellen Metzger: Even one hot dog ia a bit gross
00:56:33 Jackie Murawska: This is awesome!!! How do you think we have these convos through remote learning?
00:56:43 Danielle Bentley: @Michelle, me too!
00:56:53 Ellen Metzger: Jackie – we’re doing it.
00:56:58 Myra Collins: What was the old record? Did he just eat one more? How many more?
00:57:11 Jeanine Colwell: what was the volume
00:57:11 John Ling: through chat, you can control their use of mics, easy to do
00:57:17 Stacy Miller: approx 9 per min
00:57:20 Jeanine Colwell: how many per minute
00:57:21 Said Chatir: Amazing
00:57:24 Melynee Naegele: How do these people do this without barfing? I had a student eat 2 dozen donuts in my class. That kid was a tall stick! He even ate lunch after that! OMG!
00:57:28 Ellen Metzger: $3/8 \times 62$
00:57:30 Maryn Foote: I like what you said. . . Kids come up with the math they want to know. LOVE IT
00:57:31 Darius Hatcher: 10
00:57:34 Ange Kendall: Did he have to eat them one at a time?
00:57:36 John Ling: I’m hungry
00:57:36 Meredith Arthur: 31 inches-ish
00:57:41 Judy Repici: 30
00:57:43 Jackie Murawska: Ellen--through discussion posts?
00:57:52 Leigh Fletcher: $3/8$
00:57:58 Portia Felder: 23 -24 inches
00:57:59 Bina Kachwalla: 20
00:58:00 Cruz Flores Vazquez: About 23"
00:58:02 Ingrid Scarpitta: 20 inches
00:58:13 Leigh Fletcher: about 23 inches
00:58:14 Amy Robinson: About 21 inches
00:58:15 Christina Siow Young: 23.5
00:58:17 Mary Kearney: ABOUT 24 in
00:58:19 Ange Kendall: 31 inches
00:58:34 Bina Kachwalla: awesome
00:58:36 Amy Robinson: About 24 inches
00:58:39 Melynee Naegele: $62/2$
00:58:40 MARIA THERESA R. ABUNDA: 23
00:58:41 Cruz Flores Vazquez: 23.25
00:58:46 Ellen Metzger: Almost two feet.
00:58:46 GARRETT ENGLISH: $64/8 * 3$. Then take away two pancakes
00:59:02 Sandy Silverman: $62/8$ is about 8, so $8 \times 3 = 24$ inches
00:59:19 Ann Wycoff Bagshaw: $1/2$ of 62 is 31 inches. $1/8$ by 62 is $62/8$

which is $7 \frac{3}{4}$ inches. $23 \frac{1}{4}$ inches estimate
00:59:28 Amy Robinson: $186/8 = 23 \frac{1}{4}$
00:59:31 Darius Hatcher: rate
00:59:38 Jeanette Hogan: Anyone else feel like it takes some time and routine for students to get used of these types of discussions? Sometimes they start waiting for the question
00:59:42 Daniela Graham: pancakes / minute
00:59:43 Darius Hatcher: round
01:00:13 Darius Hatcher: estimated
01:00:23 Stephenia Courtney: Real-world discussion that is relevant to the students. I love it!
01:00:29 Holly Baker: Definitely takes time and building routine before students get used to it
01:00:34 Melynee Naegele: $60/9$ about 7 per second
01:00:51 Melynee Naegele: Opps I did it backward!
01:00:55 Michelle Hutsell: Did he throw up after he ate them?
01:01:13 Amber Scholl: Who made the pancakes?
01:01:14 Robin Alves: They lose if they throw up.
01:01:15 Melynee Naegele: I would barf watching him!
01:01:18 Maria Dolores Estravez: @Jeanette It depends on the group of students you have. I have students who would wait for the questions and then, they would start thinking.
01:01:38 Ellen Metzger: About 6 and $\frac{2}{3}$ pancakes per minute
01:01:40 Emily Kavanagh: I could not eat that much food
01:01:42 Robin Alves: @Maria
01:01:47 Robin Alves: @Maria me too
01:01:59 Warren Ledbetter: IF you start at the beginning of the year, they become used to it, and if it is fun for them, they'll adapt in record time.
01:02:00 Melynee Naegele: @jeanette We notice and wonder before to give the brain a little bit of lube to get going!
01:02:19 Ellen Metzger: We still don't have density
01:02:31 Ali Semanision: volume of a circular disc vs stack
01:02:42 Emily Graff: Ask students what you do bet is after SO
01:03:01 Karli Floyd: @Jeanette: I start with dot talks at the beginning of the year to get them used to sharing creative mathematical ideas...even in middle school they love it!
01:03:08 Maria Dolores Estravez: @Emily I know, right?
01:03:36 Michelle Hutsell: Dot talks?
01:03:38 Maureen Charron: whats a dot talk
01:03:44 Emily Kavanagh: Just thinking about eating that much food makes my stomach hurt
01:03:55 Michelle Hutsell: LOL! Glad I'm not the only one who didn't know.
01:03:56 Emily Graff: Yes, please explain a dot talk
01:04:01 Ellen Metzger: Dot talks?
01:04:08 Michelle Davey: Check out you cubed there are awesome activities for beginning the year and getting kids talking
01:04:09 Paula Cardea: I cannot wait to do these lessons!! So FUN!!
01:04:11 Grace Weissmann: How much time do you have for a class?
01:04:18 Cruz Flores Vazquez: Maybe she meant small talks?

01:04:18 Danielle Bentley: Dot talks...I wanna know!

01:04:26 Amanda Walker: math talks are wonderful!! Dot talks go with that

01:04:29 Emily Roderick: Dot talks? More info please

01:04:31 Karli Floyd: A set of dots that they just describe what
patterns/images they see

01:04:32 Michelle Davey: Dot talks are on youcubed also

01:04:37 Lindsey Heefner: This is the best training ive been to, thus
far. Oh my.....

01:04:43 Lance Brauchla: Every have some pancakes available to see if they
could eat them at the same rate?

01:04:45 Maria Dolores Estravez: Dot talks.. maybe sentence starters?

01:04:50 Emily Graff: Train your stomach to hold more

01:04:55 Karli Floyd:
<https://www.youcubed.org/wp-content/uploads/2019/08/WIM-Dot-Card-and-Number-Talks-Grades-K-12.pdf>

01:04:57 Melynee Naegele: That dude ate more pancake space more than
some humans take up!

01:05:05 Amanda Walker: It totally opened up my math class to realize that
people look at math differently!!! Another great change I made to teaching this
year

01:05:05 Jeanette Hogan: I like those! Multiply way to do them. Some
students will draw out the pictures or others with write an equation.

01:05:09 Pamela Liegl: This will take a whole lesson and make everyone
drool.

01:05:14 Danielle Bentley: Thank you!

01:05:19 Jackie Murawska: Yep. Dot talks are number talks using images
of dots. Awesome.

01:05:21 Lori Gibbs: Dot talks are amazing

01:05:31 Grace Weissmann: splats

01:05:33 Melynee Naegele: Thank God for digestive fluids!

01:05:38 Michelle Davey: There are youtube videos of the dot talks too if you
need a visual example of how they work

01:05:40 John Sasko: Making number talks matter - ruth parker - should be
a pdf on line. she has dot talks in appendix as a way to start number talks. Food
for 3-8 grades

01:06:06 Maryn Foote: The grosser the better!

01:06:09 Sabrina Nikaghanri: too funny

01:06:10 Ellen Metzger: I am laughing out loud

01:06:14 Maria Dolores Estravez: Oh, okay, that's what dot talks is.

01:06:17 Ali Semanision: plus digestion time

01:06:23 Konnie Guthrie: Check out Steve Wyborney's SPLAT series.

01:06:31 Sabrina Nikaghanri: He is so right, it is so interesting to hear
them discuss

01:06:37 Jackie Murawska: I love all this digestion talk.

01:06:41 Alanna Prudhom: LMBO! This is great material!!

01:06:43 Rekha Shirtekar: wow

01:06:45 Amanda Walker: <http://www.sfusdmath.org/math-talks-resources.html>

01:06:59 Amanda Walker: Great website for math talks and has links to the
estimation 180

01:07:02 Rebecca Ronk: This is great! These talks are so helpful

01:07:12 Janice Magauay: This is so great!
01:07:19 Maria Dolores Estravez: I use sentence starters like: If each piece is $\frac{3}{8}$ inch, then to get the height of the whole stack I would...
01:07:22 Jeanine Colwell: thank you amanda
01:07:23 Lindsey Heefner: "I feel like i'm in a NYC coffee shop and listening to the Columbia professors..."-Aaron
01:07:55 John Sasko: Go Vermont!
01:07:59 John Ling: now we have engineering!!!! how did they flip it????
01:08:01 Konnie Guthrie: How many calories for that pancake?
01:08:11 Megan Currier: How long would it take our guy to eat the entire thing?
01:08:19 Darius Hatcher: How people ate the pancakes?
01:08:21 Amanda Walker: You're welcome!! I teach special education high school algebra and it really changed how I teach math. I am still learning Jeanine Colwell
01:08:23 Emily Graff: Did they cook it?
01:08:27 Maria Dolores Estravez: How many people ate that pancake?
01:08:47 Maria Dolores Estravez: How did they cook it?
01:08:53 Emily Kavanagh: That was 4 days before I was born
01:08:53 Antoinette Nista: How did they cook it?
01:09:16 Maryn Foote: Oh yes! The competitive fun!
01:09:23 Ellen Williams: I love teaching math using Menu Math!
01:10:16 Holly Baker: wrapper
01:10:17 Ellen Metzger: skins
01:10:18 Megan Currier: wrappers
01:10:19 Robin Alves: wrappers
01:10:19 Ali Semanision: wrappers
01:10:22 John Simons: wrappers
01:10:22 Jennifer Suh: wrappers
01:10:24 Carole Castonguay: wrappers
01:10:26 Sonia Monroy: Asian American Heritage Month!!!
01:10:26 Maria Dolores Estravez: wrappers
01:10:26 Pamela Young: pi?
01:10:28 Jill Perry: ...
01:10:56 Ellen Metzger: We made some really good vegan wantons
01:11:02 Emily Graff: Price per diameter
01:11:14 Emily Graff: Watch them be the same
01:11:20 Emily Kavanagh: Had pizza for lunch today
01:11:31 BillyJean Smith: never pay a small pizza always a large better deal
01:11:34 Christine Tabor: price per area
01:11:39 Ruby Garofalo: Us Italians always go for the large!
01:11:51 Christina Garcia: Large is always better!
01:11:51 Alanna Prudhom: Had pizza two night nights ago.
01:11:51 Ellen Metzger: unit pricing comes in handy all the time
01:11:52 Amy Robinson: How was the pizza cut? Monical's cuts in squares.
01:11:57 Maria Dolores Estravez: Depends on how much you can eat
01:12:02 Maureen Charron: small fries better deal!
01:12:05 Ali Semanision: I miss Blaze in NC

01:12:11 Delicia Laster: I love Blaze pizza
01:12:12 Emily Graff: Here's my take, the small may have bigger pieces of area, but the large smaller pieces
01:12:49 Ali Semanision: Plus the pizza to crust ratio
01:13:09 Emily Graff: Remove the numbers so students focus on the words, not the numbers, remove numerical, add context
01:13:37 Jennifer Hagman: Yes, love numberless word problems
01:13:45 Maria Dolores Estravez: I do that with my struggling group.
01:13:52 Konnie Guthrie: Even bad pizza is pretty good.
01:13:54 Ellen Metzger: Emily – love that – numberless problems.
01:14:04 Darius Hatcher: valid
01:14:15 Amy Robinson: 12 inches the diameter or the radius?
01:14:15 Michelle Hutsell: I miss cafeteria pizza LOL
01:14:26 Darius Hatcher: have to find the volume
01:14:32 Lindsey Heefner: "every bone in your body wants to know how big the dumb thing is, right??"
01:15:04 Bill Tozzo: LMFAO - "The average American is a moron"
01:15:12 William Luke: DO NOT USE THE TERM 'MORON"
01:15:25 Jill Perry: Did he just say "moron"?
01:15:32 Maria Dolores Estravez: That's being judgmental.
01:15:40 Caroline Mitchell: I don't buy into that perspective. The average American is not a moron. But he can say whatever he likes.
01:15:44 Ali Semanision: A great way to incorporate grandstanding and other types of speech.
01:15:45 Jill Perry: Thank you, William Luke!
01:15:46 Sabrina Nikaghanri: No that is comedy with some truth!
01:15:52 Amy Robinson: eat!
01:16:00 Dave Hankin: Love the sense of humor!
01:16:30 Maria Dolores Estravez: Still, it's very rude
01:16:32 John Ling: Look who our "president" is, the average American is a moron, I'll buy that.
01:16:44 Caroline Mitchell: Sigh.....
01:16:52 John Ling: sorry to get political.
01:16:54 Maureen Charron: politics;9
01:16:58 Mary Dugas: stick to the math/pizza
01:17:00 Phillip Dysart: Get over it! Quit being so offended by everything!
01:17:01 Katia Amaral: love it
01:17:01 Caroline Mitchell: No, you're not sorry,
01:17:09 Michelle Hutsell: LOL, he isn't
01:17:20 Victoria Truman-Dooley: Nor should he be...
01:17:41 Cruz Flores Vazquez: He's not wrong lmao
01:17:42 Ali Semanision: where's the beef
01:17:46 Caroline Mitchell: Now THAT was funny.
01:17:50 Melissa Luzano: BM lol
01:17:53 Dave Hankin: She was great!
01:17:53 Cruz Flores Vazquez: Apparently here in the chat
01:17:59 SAPNA SHARMA: very good explanation. I loved it.
01:18:06 Christina Garcia: BM! Ha!
01:18:27 Katia Amaral: lol...BM..
01:18:36 Gloria Flores: BM

01:18:39 Dave Hankin: This is great for student engagement!
01:18:54 Abdul Razak Othman: It is about maths around us
01:18:57 Stacy Miller: but the big mac has 2 patties
01:19:05 Maureen Charron: lol
01:19:06 Bernita Johnson: Whopper with MD fries...Yes!!!!
01:19:08 Caroline Mitchell: Not for students who don't have access to Internet nor devices.
01:19:21 Mary Anne Opila: how thick how many
01:19:30 Ellen Metzger: I heard that they tried to make a third-pounder to offer something bigger than the quarter-pounder, but people didn't buy it, because they thought it sounded smaller.
01:19:40 Dane Dwyer: 100% of the entire cow, hooves, ears, bones, organs, hide, 100% beef!
01:19:49 Megan Currier: Ha!
01:19:49 John Ling: LOL Ellen!!!!
01:19:54 Christine Tabor: Ellen, that is hilarious
01:19:56 Michelle Webb: he's making me hungry. LOL!!!
01:19:57 Lindsay Mendoza: I have heard that too Ellen
01:20:03 Lindsey Heefner: @Dane, don't be a Daney Downer...
01:20:08 Katia Amaral: Dr. Maletsky was my professor in Montclair. he wqas my favorite professor ever!
01:20:34 Myeesha Jones: Ellen that is hilarious and reminds me of my studentscomparing unit fractions gets them every time lol
01:21:10 Ellen Metzger: Did you take into account the thickness of the patties?
01:21:24 Ali Semanision: before or after cooking?
01:21:30 mike murphy: so hungry now
01:21:32 Gabrielle Gentile: But a big mac has 2 burgers right?
01:21:32 Lindsey Heefner: @Ellen, omg yes. Thickness of the patties is everything...
01:21:40 mike murphy: how many patty's!
01:21:44 Christine Tabor: I feel like a hamburger right now
01:22:00 Michelle Hutsell: You can buy them and just keep them...they won't waste. Look the same 10 years later, less the condiments.
01:22:19 Janice Magauay: Writing in math
01:22:21 Christina Garcia: Fun! I hear that you can save them for the life of your teaching career!
01:22:29 Maryn Foote: Math reasoning!!!
01:22:38 Maria Dolores Estravez: @ Michelle lol
01:23:06 Michelle Hutsell: I'd have that goofy kid who would try to eat it then get food poisoning...I'd get sued...working at McDonald's now.
01:23:48 Carole Castonguay: I don't think they'll give you an uncooked burger.
01:23:57 Warren Ledbetter: Superglue the lid to the container, then have the students observe the burger (great and scary science observation).
01:24:24 Michelle Hutsell: You missed my comments about how McDonald's burgers will last for years...but aren't edible...
01:24:24 Angela Ford: <3 THIS IS THE TRUTH!!!
01:24:36 Angela Ford: Why do we have to memorize those???!
01:24:36 Lindsey Heefner: one must really ask if thickness of the meat

is everything... McDonalds clearly doesn't think so...

01:24:37 Laura Marino: Truth!!

01:24:44 Victoria Truman-Dooley: Our kids don't get the formula sheet!

01:24:49 Angela Ford: NC doesn't give a formula sheet

01:24:51 Maria Dolores Estravez: I always show the students how these formulas came to be. They understand and remember them better.

01:24:53 Pamela Young: our kids don't get them on SBA

01:24:56 William Luke: You still need to know how to use the formula

01:24:57 Caroline Mitchell: Neither do ours, Victoria. Not on the state test.

01:25:03 Michelle Hutsell: McDonald's managers make more money than teachers...

01:25:05 Tamala Miller: Not In Tennessee. Kids do not get the formula sheet.

01:25:09 Dave Hankin: Use yes, memorize no.

01:25:09 Carole Castonguay: Massachusetts gives formulas

01:25:11 Ali Semanision: one scoop or two

01:25:12 Ellen Metzger: I TOTALLY agree – should not be “the” standard algorithm. My dad taught me a different algorithm for subtracting, which he learned in Brooklyn in the late 1930s and I use it all the time.

01:25:14 Emily Kavanagh: @William exactly

01:25:17 Linda Thommen: Oregon allows the formula sheet.

01:25:21 Maryn Foote: I agree! They need to know how to "read" a formula; not memorize a formula. Plus every company has their methodology. . .

01:25:26 Enkelejda Limani: NGLS takes care of the algorithm problem...Students are asked to use any strategy.

01:25:27 Caroline Mitchell: It doesn't matter. The students don't know how to use the formulas.

01:25:32 Stephenia Courtney: I give every student a formula sheet and multiplication chart up through 900!

01:25:36 Michelle Hutsell: I'm hoping this pandemic will let the powers realize we don't need state tests...

01:25:37 Cruz Flores Vazquez: Hey I used to work at B&J

01:25:49 Caroline Mitchell: It won't, Michelle. No way.

01:25:52 Emily Kavanagh: My county gives formulas

01:25:56 Maria Dolores Estravez: @ Michelle I hope so, too.

01:26:01 amanda Helgerson: I do that problem! So fun!!! Last question the hardest...what is your favorite flavor of ice cream?

01:26:05 John Ling: now you have states of matter too!

01:26:14 Maryn Foote: (Note to self; eat dinner before attending Steve's webinar.) I am so hungry!

01:26:39 John Ling: Lol Maryn!!!! I'm dying!

01:26:41 India Puch: great stuff!!!

01:26:45 Lindsay Mendoza: I now must get ice cream after this zoom ends

01:27:07 Daniela Graham: I am between pizza and ice-cream

01:27:08 Paula Cardea: I do that problem with my 8th graders! It's awesome.

01:27:14 Warren Ledbetter: Pinon nut ice cream ASAP!

01:27:17 Enkelejda Limani: Just had strawberry ice cream

01:27:25 Pamela Young: my kids would just say to eat the ice cream until it

fits in the cone

01:27:29 Alexandra Brook: I'm SO hungry or junk food now!
01:27:30 Lindsey Heefner: I have a brain freeze now.
01:27:39 Nannette Baker: hahahahaha
01:27:51 Dave Hankin: Integrating concepts from other disciplines. Very nice!
01:27:53 Enkelejda Limani: TH
01:27:53 Shonda Moore: HEB Lemon Cookie Ice Cream
01:27:55 Carole Castonguay: Pamela. Smart kids
01:28:00 Leanna Foreman: Steven, you are awesome!!
01:28:09 Ali Semanision: super short and no connections
01:28:10 Tracey Sweeney: This is great!!
01:28:18 Jesse Ambriz: come on bill. give it a rest
01:28:29 Jennifer Landon: Great ideas & speaker - thank you!!
01:28:31 Victoria Truman-Dooley: My gifted kids would do all the stuff on the first one... because I'm always telling them that there are 87 ways to answer a question!
01:28:33 Pamela Liegl: Thanks, Steve, for a great presentation and ideas.
01:28:52 Ruby Garofalo: Great presentation! Thank you!
01:29:02 William Luke: Everyone works problems differently
01:29:02 mike murphy: mind blown!
01:29:10 Shonda Moore: or Baskin-Robbins banana split with cookie and cream, butter pecan and lemon ice cream with pineapple and strawberry toppings (no whip, cherry, or nuts)
01:29:15 Dave Hankin: Teacher enthusiasm... Students see it and they respond in kind.
01:29:20 Carole Castonguay: I think I want a little creature in my class and name it Ergo.
01:29:21 Michelle Hutsell: My dog is barking at me because she keeps hearing ICE CREAM. That means car ride to Sonic for her. We have to spell it in my house.
01:29:23 Alberta Jarmon: This Feed Is HILARIOUS!!!
01:29:23 Milagros Smith: I love this presentation and the speaker's enthusiasm
01:29:26 Maria Dolores Estravez: Are these work of 8th-graders?
01:29:31 Monica Roland: Thank you so much for an engaging presentation!
01:29:34 Pamela Douglas: thank you for awesome presentation
01:29:37 Enkelejda Limani: This was great.
01:29:38 Archita Vaghasiya: Great presentation! Thank you
01:29:41 Caroline Mitchell: That's a smart dog!
01:29:50 Michelle Hutsell: Border Collie
01:29:50 Maria Dolores Estravez: Yes, right!
01:29:51 Emily Kavanagh: Awesome and informative presentation
01:29:52 Bina Kachwalla: Awesome webinar Steven
01:29:54 Nonye Obiora: Great presentation! Thank you Steven
01:29:55 Ali Semanision: I love this kid
01:29:57 Christine Tabor: Great job! Thank you!
01:30:03 Daniela Graham: I love those kids too
01:30:04 Emily Kavanagh: I love Border Collies
01:30:10 Katia Amaral: I want this kid!

01:30:11 Alberta Jarmon: Definitely Enjoyed Myself Tonight!
01:30:11 Victoria Truman-Dooley: Those are my kids!! :)
01:30:11 Jeanette Hogan: Makes me so excited to teach math, thanks!
01:30:13 Sandy Silverman: This was super fun! thank you!
01:30:14 Kellie Sorrell: this is fabulous... and Im using it for my 3rd grade
gifted class...
01:30:17 Warren Ledbetter: @Michelle: my husky has her front paws up on
the desk looking for the ice cream, barking at the computer...
01:30:26 Myeesha Jones: awesome presentation!
01:30:28 Elise Goeglein: This is great!
01:30:28 Maria Dolores Estravez: Thank you very much for sharing all these,
Steven! Time to eat!
01:30:33 Michelle Hutsell: LOL @Warren
01:30:33 Teresa Bulanda: STEM!!!
01:30:35 Cathy Glover: the students will love math now!!!
01:30:40 Sabrina Nikaghanri: This last one!!! Yes!!
01:30:44 Lindsey Heefner: I hate when there's a hole at the tip.
that's the worst
01:30:45 Gloria Flores: AWESOME LOVE IT
01:30:48 Ali Semanision: I love this and want to use marshmallows vs
marshmallow fluff
01:30:51 Polly Kimminau: Love this presentation. Inspiring
01:30:55 Jackie Murawska: Thank you, Steven!!!
01:30:56 Ellen Metzger: Thank you for a great presentation! Love it. Thanks,
Steven.
01:30:59 Daniela Graham: thank you for your humor and amazing presentation!
01:31:16 Linda Adams: Thank you Steve
01:31:16 Stephanie Bell: Thank you! Great energy and information!
01:31:16 Maureen Charron: thanks snack time
01:31:17 Carole Castonguay: I don't worry about the WHOLE thing fitting
because I'm going to be eating it.
01:31:17 Maryn Foote: <https://robertkaplinsky.com/work/in-n-out-100-x-100/>
01:31:21 Katia Amaral: You are so inspiring !
01:31:22 Sharon Black-MacKinnon: Thank you so much for a wonderful
presentation!!
01:31:24 Deniz Çakır: thank you for a great presentatio
01:31:24 Lindsey Heefner: Seriously... this has been the funniest
presentation. Wow. Awesome
01:31:27 Ali Semanision: Thank you!!! This was amazing.
01:31:31 Elena Ouimette: Thank you!!!
01:31:35 Ana Guerrero: Thanks. Great presentation.
01:31:38 Hsiao-Ting Chiou: Thank you!!!!
01:31:39 Kathryn Prater: THANK YOU!!!
01:31:40 Kendra Edwards: Thank you. This was a great presentation.
01:31:41 Teresa Bulanda: where are you getting you energy from??????
01:31:41 Sharon Black-MacKinnon: Well done!!
01:31:43 LA VERNE MITCHELL: THANK YOU!!!
01:31:45 Emily Volk: Thanks
01:31:45 Stephanie Waterman: Thank you! You are amazing!
01:31:46 Trena Wilkerson: Thanks Steve! Great ideas and shifts to

engaging students in problem solving and thinking!

01:31:47 Maryn Foote: Steven thank you for sharing your passion and ideas!

01:31:47 Christina Siow Young: This was great! Thank you!!!!

01:31:47 Faith Lowery: thank you

01:31:49 Katy Gill: thank you

01:31:50 Dave Hankin: Loved this.....keep it up!

01:31:55 Daniel Irving: Thank you for this incredible presentation!!

01:31:56 Carole Castonguay: Thank you :)

01:31:57 Cindy Luper: This was awesome. Thanks. I would love to hear more from you!!!

01:31:57 Nannette Baker: Thank you! Love this, because I'm a goober and I love the stinky kids!

01:32:00 Paulina Uresti: Thank you

01:32:00 Janice Magauay: Thank you for this meaningful webinar!

01:32:00 Sabrina Nikaghanri: Wow! Best Presentation and I have experienced some great ones this past week

01:32:06 PATRICK GUERRA: Thank you! great presentation

01:32:07 Stephenia Courtney: Thank you! FABO. Hilarious... ;-)

01:32:08 Angelita Beltran: Thank you!

01:32:11 Daniel Crouse: Thanks Steven! Very Interesting!

01:32:11 Robert Berthiaume: Thanks everyone!

01:32:12 Gloria Flores: Thank You

01:32:12 Cathy Glover: Thank you so much! I love math more now, too!!

01:32:13 Alexandra Brook: Thanks so much!

01:32:13 ANGELA Hayslett: Thank you!

01:32:14 Lynda Krivansky: Wow! Thank you!

01:32:16 Paula Cardea: Thank-you, thank-you. This was the best PD I've been involved in a very long time.

01:32:18 Portia Felder: Can he see my camera?!

01:32:20 Amy Dowdle: Great presentation! Thanks for keeping my attention and giving me great ideas!

01:32:21 Ann Swierzbin: Thank you!

01:32:22 amanda Helgerson: thank you!

01:32:23 Cheryl Ferrell: Thanks

01:32:24 Jennifer Landon: Thank you! Great presentation, Steve!

Please keep offering webinars for Free

01:32:25 Sudean Goodpaster: Whatb a GREAT lesson! Thank you!!!

01:32:25 Lance Brauchla: Thank you...will give these a shot!

01:32:26 Mary Ann Bulalacao: Thank you very much!

01:32:28 Claire Dent: thank you!

01:32:29 DawnMarie Gaghan: You are amazing! Thank you so much!

01:32:29 Eme Grace Suarnaba: thank you!

01:32:29 Kate Reardon: Terrific, thank you!

01:32:33 Mary Anne Opila: Thank you!

01:32:34 Megan Currier: Thank you!

01:32:35 John Ling: Thank you Steven, this was awesome!

01:32:35 Antoinette Nista: Thank you!

01:32:35 amie szabo: thank you!

01:32:36 Audrey Campbell: Thank you

01:32:36 ANGELA Hayslett: Love Counting on Frank

01:32:36 Holly Baker: Thank you
01:32:37 Grace Weissmann: Thank you that was incredible
01:32:38 Susie Frieden: Thank you!
01:32:38 Marya Hughes: Fantastic session! Thank you!!
01:32:39 Victoria Truman-Dooley: Thank you for your passion!!
01:32:39 Leslie Texas: Great session! Thanks.
01:32:39 Denise Juern: I wonder what Mr. Leinwards spoken word rate is.
Thank you!
01:32:39 Julie Hutchinson: Thank you - this was great!!!
01:32:40 Amber Scholl: Fantastic!!! Thank you!!!!
01:32:40 Angelica Johnson: Thank you so much!
01:32:41 Margie Acabal: Thank you..
01:32:41 Latrenda Knighten: Thank you!
01:32:41 Michelle Webb: This was great!! Thanks!!!
01:32:42 Mary Kearney: Great presentation! How fun!
01:32:42 Deborah Chapdelaine: Very interesting!!! Thank you!
01:32:42 Tracey Sweeney: Thank you!
01:32:42 Myra Collins: Great session. Thank you.
01:32:44 Sabrina Nikaghanri: Thank You!!!
01:32:44 Ann Cola: FABULOUS!!!!!!
01:32:44 Deanne Wah: Thanks!
01:32:44 Daniela Graham: Inspiring!
01:32:45 Emily Kavanagh: Thanks so much
01:32:45 Katia Amaral: Thank you
01:32:46 Michelle Moore: Thank you!
01:32:46 Leighann Feola: Great presentation Thank you from Leighann
01:32:46 Laurie Skaggs: such a great presentation and very easy to implement
in my classroom! Loved it!
01:32:46 Jill DeLeon: Thank you!
01:32:47 Ana Alcaraz: Thank you! That was awesome!
01:32:47 Tiffany Beier: Thank you!!!
01:32:48 Victor Muller: Thank you!
01:32:48 Robyn Headifen: ka pai, thank you
01:32:48 Keli Heath: Thank You
01:32:49 Dave Hankin: Thank you from Globe, Arizona.
01:32:49 Ann Marie Nee: Thank you!
01:32:49 Jen McFall: Wow!
01:32:49 Shonda Moore: GREAT session! Thanks.
01:32:50 Kelly Sotsky: Thank you!!
01:32:51 Christina Garcia: Thanks! Was great!
01:32:51 Daniela Graham: thank you!
01:32:51 Portia Felder: Super Duper!!!
01:32:52 Kelli Freiwald: thank you!
01:32:53 Ana Alcaraz: Makes me excited to teach!
01:32:53 SAPNA SHARMA: THANK YOU FOR SUCH AN INTERESTING SESSION. IT WAS
AWESOME.
01:32:53 Lorie Huff: Thank you Steven, Tara, Dave, Ken, Chonda, Faith,
and NCTM!
01:32:54 Nikita Brooks: Awesome! Thank you
01:32:54 Anne Marie Hohman: Thank you, this was a great session!

01:32:55 Konnie Guthrie: Thank you. I am watching to inspire my teaching going forward.

01:32:55 C Robertson: Wow! Thank you!

01:32:55 Amanda Walker: This was excellent!!!!

01:32:55 Elizabeth Allen: Thank you so much! Absolutely fantastic!!!

01:32:55 Kim Connelly: Thank you! This was an excellent presentation.

01:32:55 Rebecca Ronk: Thank you!

01:32:56 Jaclyn Fleming: Thank you!

01:32:56 dana dulzo: thank you11

01:32:56 Danielle Bentley: This presentation was amazing! Thank you! I learned a ton! I appreciate your passion! Keep doing you, Sir!

01:32:56 Robert Berthiaume: Loved it!

01:32:57 Kelley Workman: Thanks!

01:32:57 Kristen Brown: Thank you for such an engaging presentation!! This excites me in my teaching

01:32:58 Darlene Purcell: loved it

01:32:58 Cacho Mariella: Thank you!

01:32:58 anthony madison: thanks

01:32:58 MARJORIE MONZALES: Thank you Mr. Steven I learned a lot, from Philippines :)

01:32:58 Justin Klinger: Thank you this was fun.

01:32:59 Phyllis Creech: Thank you great presentation

01:32:59 Sharon Black-MacKinnon: Blessings!!

01:32:59 Ann Wycoff Bagshaw: Thanks for your time and expertise

01:33:01 Kristen Harris: Thank you!

01:33:01 Molly Hagmann: Mahalo

01:33:01 Leslie Sorace: Thank you!

01:33:02 Katie Johnson: Thank you. All the sessions have been great! Appreciate all the learning opportunities.

01:33:02 Leah Cottrell: This was fabulous - thank you so much!

01:33:02 Robin Alves: Thank you

01:33:02 Denise Cruz: Thank you!

01:33:03 dana dulzo: :)

01:33:03 Ronald Austria: awesome!!! Thank you

01:33:04 Cacho Mariella: Loved it!

01:33:05 Rita Shamrock: Fantastic

01:33:05 Jeanine Colwell: got my brain spinning with ideas

01:33:06 Kristin Messenger: Thank you!

01:33:07 Regina Williams: Thsnk you! Excellenr really enjoyed!

01:33:07 Jennifer Heldenbrand: This has been awesome! Thank you!

01:33:07 Suhana Kadoura: thank you! Always appreciate you say things as they are!

01:33:08 Greer Curry: Thank you!

01:33:09 Ellen Williams: Awesome webinar!

01:33:11 Noe Eugenio: Thank you very much Steve and NCTM for this wonderful presentation!!!

01:33:13 Kathy Woodward: Thank you. STay healthy and safe.

01:33:14 Melissa Luzano: Thank you for a fun presentation! Some people will say that you shouldn't have made it political. (How nice it must be for them that they can simply ignore politics.) You can and should be a complete person with

political views. Math should also be complete and come with political views.
01:33:15 Bonnie Angel: What a great way to reach so many more educators!
Thank you NCTM!
01:33:16 David Martinez: Thank you
01:33:19 Jennie Brown: Thanks!! Great presentation!
01:33:24 Diane Anderson: thank you
01:33:25 PATRICK GUERRA: Thank you NCTM
01:33:26 Amy Robinson: Wow, I can't listen that fast. Great job.
01:33:28 Fideliz Mae Magno: Thank you!!
01:33:29 Debi Csulak: This was great. Thank you
01:33:30 Ginette Peralta Suarez: Thanks so much! That was fun!
01:33:31 Jet Yeung: Thanks Steve, great way in power math learning.
Great interaction.
01:33:32 Sandhya Raman: Thanks...great content...
01:33:35 Rekha Shirtekar: Thank you
01:33:42 Ramona Hall: Thanks!
01:33:45 Cindy Bryant: Thank you .
01:33:45 Dave Hankin: Just upgraded membership today...
01:33:47 Rekha Shirtekar: This was a wonderful presentation
01:33:48 Imelda Jimenez: From Imelda Jimenez Thank you very much for sharing
your knowledge. Mabuhay!
01:33:55 irma maceachern: thank you
01:33:59 Julie Benotti: Thank you for a great presentation. I love your
humor too!
01:34:04 Beverly Krumpe: Very interesting and fast. Be safe.
01:34:08 Melynee Naegele: Thank you NCTM and Steve for a great PD
These have been the bombdiggity!
01:34:26 Ali Semanision: Thank you NCTM; I would not have been able to attend
the in person conference, but these webinars are so helpful.
01:34:34 Portia Felder: @Melynee IKR
01:34:41 Aimee Neece: thank you ! reinforced the Illustrative Math
curriculum I currently teach.
01:34:44 Charlene Montgomery: TY
01:34:47 Genesis Reyna: thank you!
01:34:58 Mary Kearney: Thank you!
01:35:02 Savannah Wade: Thanks!!
01:35:03 PATRICK GUERRA: Thank you everyone
01:35:03 Lindsay Mendoza: Thank you, Steve
01:35:04 Josephine Peralta: thank you
01:35:06 Imelda Jimenez: Thank you Tara
01:35:08 Angela McCray-Hancock: Thank you!
01:35:11 Melynee Naegele: I LOVE you Steve! Thanks!
01:35:17 Rosalinda Cruz: Thank you.
01:35:22 Karen Notestine: Thank you!
01:35:27 Abdul Razak Othman: TQVM
01:35:51 JARHONDALYNN Cameron: Will we get access Ti the Chat?