

00:17:24 Jorge Veloso: Hello from Angola AO.
00:17:26 Trena Wilkerson: Hello from Waco, TX!
00:17:31 Esther Winikoff: Hello from Baltimore!
00:17:31 Myra Collins: Hello from Greentop, MO
00:17:32 Emily Kavanagh: Hi from Columbia, MD
00:17:32 Nicolette Nalu: Hello from ALABAMA!!!
00:17:33 Sandra MacDonald: Nova Scotia
00:17:35 Chonda Long: Welcome to day 50!
00:17:35 Rogelio Jr Longakit: indonesia
00:17:37 Dawn James: Greetings from Tennessee!
00:17:37 Quianna Watkins: Decatur, GA
00:17:37 Ana Alcaraz: Hello from Atlanta!
00:17:37 Sandra Lins: Sandra from Denver
00:17:38 Stephanie Sikes: Hi from Arkansas
00:17:38 Deborah Gemoets: Gloucester, VA
00:17:38 Monica Pate: Sumter, SC
00:17:38 karen gauthier: Orange County, Ca
00:17:39 Alyshia Andersen: Dayton Tx
00:17:40 Jamie Cook: hello from Mesa, AZ
00:17:41 Linda Koval: Hello from Bealeton, VA.
00:17:41 Catherine VanNetta: Good evening from stormy Baltimore, MD!
00:17:41 Kelly Curtis: texas
00:17:41 Tonya McIntyre: Hi! Wadmalaw Island, SC
00:17:42 Lisa Caudle: HI from Moses Lake, WA
00:17:42 Andrea Chew: Hello from Spotsylvania, VA
00:17:42 Leah Watson-Rodgers: I am from Fontana, CA
00:17:43 Cristal Martinez: San Antonio, TX
00:17:44 Chaquetta Walker: Atlanta, Ga
00:17:44 Dr Deborah Smith: Hello from Antioch, TN
00:17:45 Rogelio Jr Longakit: Indonesia
00:17:45 Melissa Campbell: Hello from Fort Payne, Alabama
00:17:45 Alicia Sotello: San Antonio, Texas
00:17:45 Anupama Anand: hello from california
00:17:46 Beth Seyler: Hello from central PA
00:17:46 Mark Fili: Mark from Queens, NYC
00:17:46 Alana Roberts: Racine, WI
00:17:47 Carol Matsumoto: Hi from Winnipeg
00:17:47 April Campbell: Tennessee
00:17:47 James Hensley: Church Hill, TN
00:17:47 Lorie Huff: Hello from Fayetteville, Arkansas
00:17:47 Lindsay McCrary: Hey from Houston
00:17:47 Mindy Wynne: Milwaukee,WI
00:17:48 Olga Kosheleva: Hello from El Paso, TX!
00:17:50 Kathryn Del Prete: Hi from Long Beach, NY
00:17:50 Sheila Kirton-Robbins: Hello from Nashville, NC
00:17:51 Lynda Krivansky: Hello from Oxford PA
00:17:51 Milagros Carbonera: Milagros Carbonera WCPS NC
00:17:51 Cassandra Gardner: Hello from Jonesboro, GA
00:17:51 Toni Galassini: Chicago
00:17:54 Dominique Dawkins: Howdy from Houston, TX

00:17:55 Aya Zvaigzne: Nashville, TN represents !
00:17:55 Erin Walsh: Hello from West Palm Beach, Florida
00:17:55 Sharon Stoeckel: Hello from Fredericksburg Virginia
00:17:55 Gil Geeran Bangeles: Good morning from Manila, Philippines :)
00:17:55 Lesly Brown: Hello! I am Lesly from Knoxville, Tennessee.
00:17:57 Debra Cash: Hello from Troy, OH
00:17:59 dana dulzo: hello from dana novi mi
00:18:00 Pamela Douglas: st Pete florida
00:18:02 Lesa Haney: Hello from Austin, TX!
00:18:05 Nicolette Nalu: Woo Hoo! Day 50!!! ALABAMA is celebrating!!
00:18:07 Daniel Irving: Hello from North Providence, RI!
00:18:08 Rebecca Mangum: Person County, North Carolina
00:18:08 Georgia Molina: Hello from Big Spring TX
00:18:10 Rogelio Jr Longakit: Indonesia
00:18:10 jeanine colwell: hello from Newport, NC
00:18:10 Latrenda Knighten: Hello from Baton Rouge, LA
00:18:10 Catherine Bronikowski: Hi from Milwaukee, WI
00:18:16 Veronica Kwok: Hello on the day before the last day of school in
Queens, NYC!
00:18:21 Amy Price: Hello from Georgia
00:18:22 Christina Tully: Hi from Las Vegas, NV! :)
00:18:22 Candace Bailey: Hi, from NC
00:18:26 Deborah Gemoets: Hello to all
00:18:26 Heather Ruiz: Sam Antonio TX
00:18:28 Aya Zvaigzne: I already know this is going to be awesome !
00:18:36 Dr. Therese Farmer: Greetings All!
00:18:38 Sheryl Joy Aloag: Hello from Philippines...
00:18:39 Robin Morelock: Greeneville, TN
00:18:39 harry holloway: hi from va
00:18:43 Marie Clarke: Philadelphia
00:18:43 Amanda Nica: Norfolk, va
00:18:44 Rachelle Broggin: Harrisburg Pa
00:18:44 Kari Stohler: Hello from Blacksburg, VA
00:18:44 Jessica Rock: Hi from Chicago!
00:18:44 Jennie Brown: Hi from Montgomery, AL
00:18:45 Stephanie Stambaugh: Hello from Northern Kentucky!
00:18:45 Nicole Thomas: Hi from Evansville IN
00:18:45 Grace Vaught-Smith: Hi from Rifle, CO
00:18:46 Patricia Seamon: hello from NC
00:18:47 Christina Atkins: greetings from Nebraska
00:18:47 Chimire Owsley: Washington, DC
00:18:47 Lisa Brinkley: Hello from Las Vegas
00:18:48 Tanya Landry: hi from Baton Rouge!
00:18:49 Vicki Bullock: Washington, DC
00:18:49 Andrea Escobar: San Antonio, TX
00:18:50 Susan Hall: Hello! Susan from Austin
00:18:51 Katherine Raiguel: Hello from Willow Grove, PA

00:18:51 Angelita Beltran: Hello from Waukegan, IL
00:18:51 Jenny Ainslie: Hello from Cary, NC

00:18:52 Ann Adkins: Hello from Omaha, Nebraska!
00:18:56 Anita Schilling: Hi from Richmond, Virginia
00:18:57 Fyniss Nixon: Hello from Charlotte, NC!
00:18:57 Laurie Baker: Bentonville, Arkansas
00:18:58 Susanna Guerra: Hi from Portland, Maine
00:18:58 Ana Guerrero: Hello from IL
00:18:58 Melissa Rivera: Hi from FL
00:19:00 Tanja Solano: Hi from Leander TX
00:19:01 Angela Hunter: North Carolina
00:19:01 Brittani Griffey: Hello from Nashville, TN!
00:19:01 Dianne Spencer: Dianne Spencer from Conyers, GA! (Atlanta area)
00:19:02 Kimberly Simpson: good evening from Kentucky!
00:19:02 Nell Thurlow: Hello from Lafayette LA
00:19:02 Mary Simmons-Chatmon: Washington DC
00:19:04 Vicki Pace: Hello... I am from Houston, TX...
00:19:04 Virginia Moore: Hello from Arkansas
00:19:04 Lisa Shields: hello from Richland, MS
00:19:04 India Puch: India from Columbia, SC
00:19:05 Carrie Daniels: Hello from Dayton, TN!
00:19:07 JoAnn Santiago: Hi from Chicago IL
00:19:08 Justin Klinger: Hi From IL
00:19:16 Ashlee Paxton: Hello from Fort Worth, Texas
00:19:19 Annette Krimmer: Hello from San Antonio, Texas
00:19:22 Lesha Coker: Texas
00:19:24 Ramona Hall: Hi from NC
00:19:37 Christina Hall: Hello from Yuma, AZ.
00:19:41 Carly Jardinier: Hello from MD, USA :)
00:19:42 Lisa Chang: Hello from New York
00:19:46 Emerlina Binuya: Hi! I'm Emerlina Binuya, I teach Algebra 1,
from Petersburg, VA
00:19:46 tracey simmons: Hi from Jamaica, NY
00:19:48 Tina Hill: Howdy! from Bristol TN
00:19:49 Rebecca Tate (K-2): Hello from Branford, CT
00:19:50 Megan Riley: Hi from OHIO
00:20:00 Janice Magauay: Hello! Janice here from MD
00:20:02 Lisa Aldous: Hello from Annapolis, Maryland!
00:20:02 Sharon Black-MacKinnon: Unbelievable that it is the 50th webinar!!
00:20:03 Danielle Bentley: Hello from Kansas City, Missouri!
00:20:09 Kayla McFadden: Hello from Southern California!
00:20:10 Teresa Bulanda: Hello from Connecticut:))
00:20:11 Danielle Bentley: Whhhooooo!
00:20:12 Rosanna Heard: Hello from TN!
00:20:18 Chonda Long: Welcome everyone to our 50th webinar!
00:20:24 Latrenda Knighten: Yay!!
00:20:28 Kathleen Farry: Hi from PA
00:20:29 Jennifer Perri: Hello everyone from Rockland County, New York
00:20:33 Leena Guttal: Hello from San Jose
00:20:35 Faith Peddie: Welcome to Day 50 everyone! We are so happy that you
are here!!!
00:20:38 Tammy Lackey: Hello from NC

00:20:39 Ashley Thompson: Hello all
00:20:45 Valerie Vanderport: hello from Everett, WA!
00:20:45 Gloria Flores: Hello from Texas
00:20:46 Loni Jirik: hello from alaska
00:20:47 Anupama Anand: Great
00:20:48 Christine Flanagan: Hello from Iowa!
00:20:48 maureen prendergast: Hi from North Carolina
00:20:49 Lynne Allen: Hello from Rolesville NC
00:20:50 Noemi Lopez: SBISD
00:20:51 Payal Arora: Hello!
00:20:52 stephr: Hello!!
00:20:57 Sue Pike: Hi from Sydney Australia!
00:21:00 Anupama Anand: @Leena I am also from san jose
00:21:02 SHARON VEGA: Houston Tx
00:21:04 Brooke VanRhee: Hello from Michigan :-)
00:21:06 Susan Ben Abdallah: hello from Cherry Hill NJ
00:21:08 Cicely Washington: Virginia
00:21:10 Denise Griffith: Hello from Wilmington, DE!
00:21:18 Dewey Gottlieb: Aloha from Hawaii!
00:21:21 Angelica Johnson: Hello from Memphis, TN
00:21:22 Sherry Eldridge: Hello from Oklahoma!
00:21:29 Tanya Landry: Using my phone - no electricity!
00:21:31 Linda Koval: Aloha!
00:21:48 Konnie Guthrie: Hello from Las Vegas
00:21:52 LaDonna Schwab: hello, LaDonna from Texas
00:21:56 JaDawn Wagstaff: hello... from Buffalo, NY
00:21:56 Phyllis Creech: Hello from Georgia
00:21:58 Linda Koval: Hang in there Tanya!
00:22:00 cynthia wilson: Hello from Katy, Texas!
00:22:03 Susan Moloney: Washington, IL
00:22:09 Viragni Chand: Hello, from California
00:22:09 Guadalupe Alvidrez: Hello from Covina, Ca!
00:22:12 Shonda Moore: Hello from Austin, Tx\
00:22:15 Alison Snyder: Hello from Chadds Ford, PA
00:22:18 hawley shibata: Hawley from Anaheim CA
00:22:20 Ginny Wheeler: Tucson, Arizona
00:22:31 Lucinda Smith: Battle Ground, WA
00:22:32 rachel wingo: Hello from Kentucky
00:22:32 Barbara Knox: Plant City, Florida
00:22:38 Yvette Martinez: San Antonio, TX
00:22:47 Kathy Felt: Hi from Illinois
00:23:22 paloma carrera: hi from El Paso, Tx
00:23:23 Sandra MacDonald: beautiful family!
00:23:40 Linda Koval: What a beautiful family!
00:23:42 Danielle Bentley: "My why and my purpose!" Thank you!
00:23:44 Jennifer Perri: Beautiful Family!
00:23:46 Milagros Carbonera: beautiful family!
00:23:55 Rachelle Broggin: Beautiful Family and Thank you!!!!
00:23:58 Maggie Pfuntner: Beautiful family, thank you for sharing!
00:24:07 Dr. Yankey: GA

00:24:11 Faith Peddie: Hi Christina, do you have a specific question?
00:24:13 Lisa Shields: blessed with a beautiful family
00:24:17 Emily Kavanagh: Thanks for sharing about your family
00:24:19 Shauna Brown: Hello from Brooklyn NY
00:24:27 JoAnn Santiago: Beautiful Family!
00:24:28 Leslie Texas: Hi from Louisville, KY
00:24:36 Viragni Chand: Beautiful family
00:25:17 Sandra MacDonald: my second year in kindergarten.....
00:25:20 Rachelle Broggin: Elementary school
00:25:20 harry holloway: never thought I belonged in school. Almost failed
out of hs
00:25:22 Linda Koval: What a great school picture. I was called a Chink
in summer school.
00:25:22 Melissa Campbell: not having a "normal" nuclear family during
school events
00:25:23 Lesly Brown: Such a beautiful family.
00:25:25 JoAnn Santiago: When I move from New York to Puerto Rico
00:25:25 Cheryl Akers: Black girl thing advanced classes
00:25:25 Emily Kavanagh: When I came to public school from private school
00:25:27 maureen prendergast: We moved several times- 4 different
highschools.
00:25:27 Leslie Texas: Middle school was tough
00:25:28 Heather Ruiz: my mom smoked and my clothes smelled badly and kids
made fun of my a lot
00:25:32 Sheila Kirton-Robbins: Immigrant grad student in US
00:25:33 Janice Magauay: As a teacher, I once felt I ddi not belong because I
came from another country.
00:25:33 Megan Riley: When I first was given my diagnosis of having an IEP
and thinking I was to dumb for school
00:25:34 hawley shibata: School was very hard for me and I was terrified of
being asked to read!
00:25:34 Rogelio Jr Longakit: When I was teased for being small in stature
00:25:35 Sandra MacDonald: moving in jr high
00:25:36 Aya Zvaigzne: Did not speak any English when starting school,
first generation immigrant, wore hand me down clothes that did not fit.
00:25:36 Valerie Vanderport: being overweight
00:25:36 Stephanie Stambaugh: 4th grade math class, didn't know my
multiplication facts. Teacher had principal come and threaten me with a swat.
00:25:37 Shauna Brown: I was teased in home country
00:25:39 Barbara Rudakevych: Middle school- teased for being the fat kid.
00:25:39 Denise Brady: I did not belong because I was a young woman
majoring in mathematics
00:25:41 Anupama Anand: when my teachers did not listen to me
00:25:41 Susan Ben Abdallah: when the school decided should be in algebra
and I wasn't already for it
00:25:42 Ana Alcaraz: Only Latina in gifted classes...felt isolated
00:25:42 Rachelle Broggin: Coming from a single parent household
00:25:44 Ana Guerrero: coming from another country and not speaking the
language
00:25:44 Marie Clarke: I came from Jamaica W.I different culture

00:25:46 Candace Bailey: Each time that I moved I felt that I didn't belong, we moved a good bit. Being heavier than other students.

00:25:48 Chermin Carnes: Being from a different country

00:25:48 Maggie Pfuntner: Being a student with an IEP led to teasing and feeling isolated

00:25:51 Shonda Moore: My people in the neighborhood thought I didn't belong with the group I was hanging out with.

00:25:51 Pamela Douglas: dad being your math teacher picked on.

00:25:52 dana dulzo: not wanting to answer questions in math class, to remain invisible

00:25:52 Dr Deborah Smith: When I was a student at the university and being the only black one in class. I was picked on by the professor.

00:25:53 Lynda Krivansky: Being teased due to my weight

00:25:53 Christine Flanagan: Elementary school I was overweight

00:25:54 Lisa Aldous: I went to a college that was over 80% male. Constantly being told women didn't belong there.

00:25:56 Susan Hall: Math classes in high school - a boys club. Even the teachers acted like girls weren't meant to do well in high school math.

00:25:57 Danielle Bentley: "Sounding like a white girl"

00:25:58 Leah Watson-Rodgers: I was a "heavy" child so I was constantly teased and so became as someone wrote in my yearbook, a "Brainiac"

00:26:01 Gizelle Lev: The only asian in an all Hispanic School community

00:26:01 JaDawn Wagstaff: undergrad... great engineering school but less than 2% underrepresented population

00:26:01 Jackie Murawska: Middle school was terrible.

00:26:02 harry holloway: I was often mailed to feel dumb

00:26:03 Dennis Manyanga: joining a new school

00:26:08 Lindsay McCrary: I was from a poorer neighborhood

00:26:11 Susan Nordyke: My high school guidance counselor told me I didn't need to take college prep classes because I wouldn'[t be going there.

00:26:11 Rebecca Mangum: transition from elementary to middle school - clothes were different - not as trendy as my peers

00:26:11 Danielle Bentley: "Being in the low math group"

00:26:11 Nell Thurlow: entire time in school. Misunderstood by teachers, moving all the time, horribly bullied in MS and marginalized in ES and HS

00:26:14 Mindy Wynne: my boyfriend was put in a box in 2nd grade bc of his hyperactivity

00:26:16 Carole Bamford: being disabled, by my principal

00:26:18 Lisa Shields: I always felt more at home while at school because my home was not a safe place

00:26:18 Guadalupe Alvidrez: In 5th grade when moving from Boyle Heights to Baldwin Park.

00:26:18 Kimberly Simpson: I was painfully shy

00:26:19 Noeimi Vizcarra: Being an English Learner and being sent to to another class for lessons in Reading and Math and not understanding why

00:26:27 Veronica Kwok: Being a young POC math teacher in a school for immigrants with a predominantly white-teacher school --> the math discipline tends to be belittled and used as a scapegoat for things that are going wrong

00:26:30 Julie Secrest: I had a speech impediment when I was in elementary school and other students made fun of me because I couldn't say words clearly.

00:26:36 Justin Klinger: I was non-athletic smart kid, in a social context where athletics were valued more than smarts.

00:26:38 paloma carrera: I was made to feel less because my first language was Spanish

00:26:43 Lesly Brown: My son is of mixed heritage, and many times he was the only one of color in his classes. It was very hard. Additionally he was painfully shy at times.

00:26:44 maureen prendergast: I have NEVER had a non-white teacher

00:27:09 Barbara Lambert: When we moved to Germany, my first day of first grade was terrible. I didn't understand German, so I was lost.

00:27:12 Msrtnk Vasicek: 6th grade "orange" reading group. (The slow one).

00:27:27 Shonda Moore: Same teacher for Math for Freshman Algebra I and Geometry. RIP Mr. Sullivan (in the ChgoLand area)

00:27:35 Mark Fili: For most of us, it is just the one teacher in our experience that created the difference; and set us on our paths.

00:27:37 Leah Watson-Rodgers: So sorry Maureen. It is good to see teachers that look like you!

00:27:51 Veronica Kwok: That book is on my desk! Part of my summer reading!

00:28:23 Valerie Faulkner: Fight, fright, flee, or appease...

00:28:36 Aya Zvaigzne: www.menti.com

00:28:40 Lisa Shields: I want them to all feel loved and safe

00:28:43 Sandra MacDonald: they need to see themselves in the math problems - they need to see connections to the math

00:28:44 Lesly Brown: In the first grade, although I could read well and comprehend, our principal tried to put students in very bizarre situations. It was extremely scary and hard.

00:28:48 Chonda Long: <https://www.menti.com/>

00:29:03 Christine Flanagan: I would like them to feel supported, safe and challenged.

00:29:07 Sandra MacDonald: what's the code for?

00:29:19 Rob Matyska: what was that code?

00:29:22 Ana Guerrero: What's the code again?

00:29:23 LeAnna Deveaux-Miller: From The Bahamas..Good Evening

00:29:28 Aya Zvaigzne: 640905

00:29:35 Sandra MacDonald: 640905

00:29:52 Konnie Guthrie: valued

00:30:08 Anupama Anand: equal participation

00:30:16 Shauna Brown: I like menti thus far

00:30:17 Stacey Monroe: respected

00:30:19 Sandra MacDonald: welcome

00:30:54 maureen prendergast: 17

00:30:55 Rob Matyska: 17--it's odd

00:30:56 Georgia Molina: 17

00:30:56 Susan Moloney: 17

00:30:56 Dominique Dawkins: 17

00:30:56 Fyniss Nixon: 17

00:30:56 Carrie Daniels: 17

00:30:57 Annette Krimmer: 22

00:30:57 Laura Hope: 17

00:30:57 Monica Pate: 17 because it is odd

00:30:57 Catherine Bronikowski: 17
 00:30:57 Jessica Rock: 17
 00:30:58 Melissa Campbell: 17-only odd
 00:30:58 Caitlin Lischer: 17 - odd
 00:30:58 Sandra MacDonald: 17 odd and prime
 00:30:58 Kimberly Simpson: 17
 00:30:59 Tami Vallely: 17
 00:30:59 Chermin Carnes: 17
 00:30:59 Janice Magauay: 17, it is odd
 00:30:59 Susan Moloney: 22
 00:30:59 Brittani Griffey: 17
 00:30:59 Yvette Martinez: 17
 00:30:59 Shonda Moore: 22
 00:31:00 Katherine Raiguel: 17 is prime
 00:31:00 Erin Walsh: 17
 00:31:00 Msrtek Vasicek: 17 is odd,
 00:31:00 Sheila Kirton-Robbins: 22 is in the twenties
 00:31:00 Ana Alcaraz: 17 is odd
 00:31:00 Catherine VanNetta: 17 is not even
 00:31:00 Barbara Rudakevych: 22
 00:31:00 Jeanne Simpson: 17 because it is odd
 00:31:00 Leah Watson-Rodgers: 17- odd
 00:31:01 Sharon Black-MacKinnon: 17 it is odd
 00:31:01 Cheryl Akers: 17; odd
 00:31:01 Guadalupe Alvidrez: 17
 00:31:01 Noeimi Vizcarra: 17- odd number
 00:31:01 Alison Snyder: 17
 00:31:01 Maggie Pfuntner: 17 because it's odd and prime
 00:31:01 Kathleen Farry: 17
 00:31:02 Lisa Caudle: 17 is prime
 00:31:03 Debbie Pierce: 17 it is odd
 00:31:03 Shauna Brown: 17
 00:31:03 SHARON VEGA: 17 odd
 00:31:04 Chimire Owsley: 17 its odd
 00:31:04 harry holloway: 17 prime
 00:31:04 Barbara Knox: 17 is odd
 00:31:04 Michelle Page: 22 2 tens
 00:31:04 Valerie Vanderport: 17-odd number
 00:31:05 Susan Hall: 17 b/c it is prime
 00:31:05 Tami Vallely: 17, odd
 00:31:05 Dr Deborah Smith: 17 because it is an odd
 00:31:05 Alison Snyder: 17 is odd
 00:31:05 Tanya Landry: 17, odd
 00:31:05 Stacy Wozny: 17, it's odd
 00:31:05 Tanya Goudy: 22-because it has 2 tens
 00:31:05 Jackie Murawska: 17 cuz odd
 00:31:05 Dominique Dawkins: it is odd
 00:31:05 Latrenda Knighten: 17 - odd
 00:31:06 Aya Zvaigzne: 17 prime
 00:31:06 Angela Ruggeri: 17 odd

00:31:06 Erin Walsh: 17 is odd
 00:31:06 Rebecca McKlindon: 22: 2 tens
 00:31:06 Lisa Aldous: 17 - odd, prime
 00:31:06 Denise Brady: 17 is prime
 00:31:06 Lorie Huff: 17 odd
 00:31:06 Tracy Coleman: 17, odd #
 00:31:07 Lynda Krivansky: 17 because its odd, or 22 because its
 greater than 20
 00:31:07 LaDonna Schwab: 17 - prime
 00:31:07 Marie Clarke: 17- odd number
 00:31:07 Chermin Carnes: An odd number
 00:31:07 Mary Truxaw: 17 prime and odd
 00:31:08 Sandra MacDonald: 22 only multiple of 11
 00:31:08 Kathleen Farry: 17 it's odd
 00:31:08 paloma carrera: 17
 00:31:08 Rachel Anderson: 17, odd number
 00:31:08 Lisa Chang: 22
 00:31:08 maureen prendergast: 22
 00:31:08 Viragni Chand: 17 odd
 00:31:08 Mary Simmons-Chatmon: 17, prime
 00:31:08 Dennis Manyanga: 17 is oddd
 00:31:08 Rachelle Broggin: 22 even
 00:31:08 Lindsay McCrary: 17 prime
 00:31:08 Grace Vaught-Smith: 18 count by 5
 00:31:09 JoAnn Santiago: 17
 00:31:09 Susan Moloney: 22 - it has 2 tens
 00:31:09 Lindsay Campbell: 22- in the twenties
 00:31:09 Marissa Day: 22-both digits the same
 00:31:09 Yvette Martinez: 17 prime
 00:31:09 Ana Guerrero: 17 is prime
 00:31:10 Angela Hunter: 17 is odd
 00:31:10 Candace Bailey: 17, it is not even, it is prime
 00:31:10 Laura Hope: 17 odd/prime
 00:31:11 Monica Pate: 22 because it has two tens
 00:31:11 Georgia Molina: 17 it odd
 00:31:11 Paige Whitacre: 17 as it is odd
 00:31:13 Christina Tully: 22
 00:31:14 Jeanne Simpson: 22
 00:31:15 Stacy Wozny: 22, two tens
 00:31:15 Megan Riley: 17 odd/prime or 22 in the twenties
 00:31:15 Brittani Griffey: 17 odd and prime
 00:31:16 Annette Krimmer: 22 2 in the tens place
 00:31:17 Dawn James: 17 odd & prime
 00:31:18 Leena Guttal: 22, because the only one that number is repeated
 00:31:18 Msrtk Vasicek: 22 is not a teen
 00:31:18 Caitlin Lischer: 22- not a teen number
 00:31:19 Janice Magauay: 22,it has the same digits
 00:31:19 harry holloway: 18 multiple of 9
 00:31:19 Nora Marasigan: 17 it is the only prime number
 00:31:20 Quianna Watkins: 17 is a prime number

00:31:20 Ana Guerrero: 22 has two tens
 00:31:22 Robin Schwartz: 18 not $5x + 2$ with integers
 00:31:22 Rob Matyska: 22 is not in the 10 family
 00:31:22 Lorie Huff: 22 same digits
 00:31:22 Sandra MacDonald: 18 is legal age in some places
 00:31:23 Laura Stokes: 17 only number that is not a double
 00:31:23 dana dulzo: 17 is odd and prime
 00:31:24 Jackie Murawska: 22 cuz multiple digits
 00:31:27 Sharon Black-MacKinnon: 22 because it is in the twenties
 00:31:27 Megan Riley: 22 same double digits
 00:31:27 Myra Collins: 22 is a palindrome
 00:31:28 Samantha Bustos: ooh 18. because the difference isn't 5
 00:31:28 Rebecca Mangum: 18 because it doesn't follow the add 5 sequence
 00:31:28 Noe Eugenio: 18 skip counting by 5
 00:31:28 Julie Secrest: 22 not a teen number
 00:31:29 Pamela Douglas: 22 it is not a teen number
 00:31:30 Jill Perry: 22 has a double
 00:31:30 harry holloway: 22 a multiple of 11
 00:31:31 Debbie Grady: 22 is a palidrome
 00:31:31 Lesly Brown: I18- Not in the patrn
 00:31:32 Ginny Wheeler: 18 12 and $5 = 17$, 17 and $5 = 22$
 00:31:32 Shauna Brown: 17 because doesn't have a common factor with the others
 00:31:34 Dr. Yankey: 18
 00:31:34 Caitlin Lischer: 17 - not a double
 00:31:35 hawley shibata: 22 because it does not start with a 1
 00:31:37 Lisa Shields: 22 because is a twenty and not a teen
 00:31:38 Stacy Wozny: 17, not a double of a whole number
 00:31:38 Sandra MacDonald: 12 is junior high age
 00:31:39 Mary Truxaw: 22 only number with same 2 digits
 00:31:41 Lindsay McCrary: 22 it has the same number in ones and tens digit
 00:31:41 Quianna Watkins: 17 have an odd number in the ones place
 00:31:44 Jeanne Simpson: 18 only one divisible by 3
 00:31:45 Deborah Bishop: Deborah- 17 odd
 00:31:50 maureen prendergast: 2003
 00:31:51 Rob Matyska: 2003 because it's not a 1000
 00:31:52 Yvette Martinez: 200
 00:31:53 Sharon Black-MacKinnon: 12003 is odd
 00:31:53 Kim Evavold-Bolf: I want all my students to feel like they belong to our classroom community. We don't see color of skin. Everyone is someone.
 00:31:54 Shauna Brown: 2003
 00:31:54 Dominique Dawkins: 2003 is odd
 00:31:54 Samantha Bustos: out of order.
 00:31:54 Caitlin Lischer: 2003 - no numeral 9
 00:31:54 Lisa Aldous: 2,003 odd
 00:31:56 Stacey Monroe: 18 not sequence of +5
 00:31:56 Viragni Chand: 2003 odd
 00:31:56 Latrenda Knighten: 2003 - odd

00:31:56 Rob Matyska: 2003 because it's odd
 00:31:56 Linda Koval: 2003 is odd
 00:31:57 Christina Tully: 2003
 00:31:57 Yvette Martinez: 2003
 00:31:58 Georgia Molina: 2003 is an odd
 00:31:58 Lynda Krivansky: 2003 because its not in the thousands place
 00:31:59 Lindsay McCrary: 2003 not 1000
 00:31:59 Candace Bailey: 2,003
 00:32:00 Chermin Carnes: 2003
 00:32:00 Denise Brady: 2003
 00:32:00 Megan Riley: 2003 the year I graduated
 00:32:00 Maggie Pfuntner: 2,003 because it repeats a digit
 00:32:00 Michelle Page: 2003 odd
 00:32:00 Julie Secrest: 2,003 odd
 00:32:01 Ana Alcaraz: 2003 is above 2000
 00:32:01 Sheila Kirton-Robbins: 2003 odd, not 1000
 00:32:03 Dennis Manyanga: 2003
 00:32:03 Shonda Moore: 2003 - double zeros
 00:32:05 Guadalupe Alvidrez: 2003 odd, in the next thousand
 00:32:05 Jill Perry: They are all years
 00:32:05 Samantha Bustos: 2003 bc no 9
 00:32:06 Anupama Anand: 2003
 00:32:06 Brittani Griffey: 2003 because it is not 1000
 00:32:07 Msrtrk Vasicek: 1896 is a year that most people are dead who were
 born then.
 00:32:07 Ana Guerrero: 2003 because it has 2 thousands
 00:32:07 Dr. Yankey: 2003
 00:32:07 Rachelle Broggin: 2003 odd number
 00:32:07 Lindsay Campbell: 2003 has zeros in it
 00:32:08 Tracy Coleman: 2003, odd, not 1 thousand
 00:32:08 Rob Matyska: 2003 is a new millennium
 00:32:09 Linda Koval: 2003 is over 2000
 00:32:09 Leah Watson-Rodgers: 2003 - odd and have 2 thousands
 00:32:10 Lorie Huff: 2003 no hundred and no tens
 00:32:10 Esther Winikoff: 2,003 is odd and above 2,000
 00:32:10 Susan Moloney: 1896 - sum of digits is even
 00:32:10 Andrea Escobar: 2003 different thousands place
 00:32:11 Karen Bethel: 2003 does not have a 9
 00:32:11 Susan Hall: 2003 b/c only number with no tens or hundreds
 00:32:13 Joy Duncan: IF you were born in 1896 you'd be dead
 00:32:17 dana dulzo: 2003 doesn't have a nine in it
 00:32:17 Msrtrk Vasicek: there are no 9's in 2003
 00:32:18 Dawn James: 2003 "2" thousands
 00:32:18 Megan Riley: Only one with out a digit of 9
 00:32:20 Tanya Goudy: 2003 because it's odd and all the other our just one
 thousands
 00:32:20 Laura Hope: 2,003 ends in odd, or has two thousands
 00:32:20 Noeimi Vizcarra: 2003- no 9 difir
 00:32:20 Samantha Bustos: 2003 missing 1 and 9
 00:32:21 Sandra MacDonald: 1938 just before WW2

00:32:24 Msrtrk Vasicek: 2003 is odd
00:32:25 Dominique Dawkins: 2003 does have a 9
00:32:25 Dr Deborah Smith: 2003 because there are no 9
00:32:25 Robin Morelock: 2003 odd
00:32:25 Quianna Watkins: 2003 sum of the digits is a single digit
number
00:32:26 Linda Koval: 1896 does not round to 2000 to the nearest 1000
00:32:26 Lynda Krivansky: 2003 because its not a multiple of 3
00:32:26 Jeanne Simpson: 1896 only one not in my parents' lifetime
00:32:27 Dominique Dawkins: doesnt
00:32:27 Julie Secrest: no 9 in 2003
00:32:29 Payal Arora: 2003 - is odd
00:32:29 Noe Eugenio: 2003 the sum of the digits is less than 10
00:32:32 Jim Meyer: 2003 is the only one cant be divided by 3
00:32:32 Nora Marasigan: 2003
00:32:34 Rebecca Mangum: 1938 doesnt increase
00:32:36 Barbara Lambert: 1,938 because it is not in number order
00:32:42 Samantha Bustos: decimals need to go!
00:32:44 Lorie Huff: 4 even
00:32:44 Jeanne Simpson: 4 even, composite
00:32:45 harry holloway: 4 perfect square
00:32:47 Maggie Pfuntner: 4 it's even
00:32:47 Georgia Molina: 2.7 and 1.3 are not whole numbers
00:32:49 Megan Riley: 4
00:32:51 Tami Vallely: 4
00:32:52 Sharon Black-MacKinnon: 4 is even
00:32:52 Latrenda Knighten: 1.3 - less than two
00:32:53 Janice Magauay: 4 even
00:32:53 Lisa Aldous: 4 even
00:32:53 Sandra MacDonald: 4 is square
00:32:54 Rob Matyska: 4 is a perfect square
00:32:55 Sheila Kirton-Robbins: 2.7
00:32:57 Annette Krimmer: 1.3, it is prime
00:32:57 Lindsay McCrary: 4 it is even
00:32:57 Debbie Grady: 4 is even
00:32:58 Amanda Nica: 1.3
00:32:59 Rebecca McKlindon: 4 is the only even
00:33:00 Dennis Manyanga: 4 is even
00:33:00 Leena Guttal: 4 because a perfect square
00:33:01 dana dulzo: 4 is a perfect square
00:33:01 harry holloway: 2.7 mutple of 3
00:33:02 Jessica Barrier: 1.3
00:33:02 Georgia Molina: 4 is perfect square
00:33:02 Lindsay Campbell: 4 even
00:33:03 Viragni Chand: 4 even and perfect square
00:33:04 Rachelle Broggin: 2.7 and 1.3 are decimals
00:33:04 Leah Watson-Rodgers: 4 is even
00:33:04 Sandra MacDonald: 5 is top of ten frame
00:33:04 Brittani Griffey: 4 even
00:33:05 SHARON VEGA: 4 even

00:33:06 Susan Hall: 4 is even
00:33:06 Robin Schwartz: 5 is odd
00:33:06 Marie Clarke: 1,3 less than 2
00:33:06 Dawn James: 1.3 doesn't round to 2, so the pattern ends
00:33:07 Tracy Coleman: 4, even
00:33:07 Jim Meyer: only 4 can be divided by a whole number
00:33:08 Shauna Brown: 4 because its only even number
00:33:08 Julie Secrest: 4 is even
00:33:08 Nora Marasigan: 4 is even
00:33:10 Paige Whitacre: 4 is even
00:33:10 Lisa Brinkley: 1.3
00:33:12 harry holloway: 5 a factor of 10
00:33:15 Sandra MacDonald: 2.7 is multiple of .9
00:33:17 Teresa Bulanda: 5 , $2.7+1.3=4$
00:33:21 Georgia Molina: 4 is even
00:33:22 Jessica Barrier: 1.3
00:33:25 Angela Hunter: 1.3 is less than 2 whole
00:33:55 Linda Koval: I like Teresa's reason!
00:34:14 Payal Arora: 2.7 plus 1.3 is equal to 4
00:34:14 Sandra MacDonald: yeah, Teresa's answer great!
00:35:04 harry holloway: left out bahkke decision
00:35:05 Ana Guerrero: Great way to embed some history into math
00:35:11 Sandra MacDonald: love it
00:35:14 Danielle Bentley: THANK YOU!
00:35:18 Jessica Barrier: Interesting, I like that!
00:35:20 Ana Alcaraz: Thank you!
00:35:21 Georgia Molina: Thank you
00:35:26 Rachelle Broggin: Loved that idea about using those numbers
for history!!!
00:35:28 Lesa Haney: I never would have thought select numbers with
cultural meanings. Thank you for sharing this!
00:35:34 Linda Koval: Yes, making connection to real world.
00:35:34 Susan Hall: Thank you for the meaning behind the numbers.
00:35:35 Payal Arora: Excellent way of embedding historical references.
00:35:43 Danielle Bentley: You and Dr. Gholdy Muhammad need to work
together!
00:35:56 Christina Hall: Love the idea of numbers having significant meaning.
00:36:35 Julie Secrest: What Payal said!
00:36:49 Rachelle Broggin: Does anyone know what the picture is down in
the left hand corner? Is it a resource we can use as teachers? Black Girl Math!!!!
Love IT!!!!
00:36:53 Valerie Faulkner: Rachell1 - The three rows were a warm-up
stimulus - what number doesn't belong. But Le'Vada chose numbers connected to
historical events.
00:36:57 Msrtek Vasicek: Loud is OK. But you have to embrace it.
00:37:33 Leah Watson-Rodgers: I like the Black Girl Math graphic as well!
00:37:35 Valerie Faulkner: Okay. Will get that to you at the end!
00:37:40 Rachelle Broggin: I found it. <https://blackgirlmath.com/>
00:37:40 Brittani Griffey: I was thinking the same thing @Rachelle
Broggin! I love it so much!

00:38:27 Rachelle Broggin: I will definitely be sending this link tomorrow to my colleagues at school, as I teach in an urban district!!! LOVE this!!!!

00:38:40 Lesly Brown: This is so meaningful. We as teachers must consider where we are coming from and what each of our students specifically need to help them in learning.

00:39:00 Rachelle Broggin: Yes, @ Lesly Brown.

00:39:01 harry holloway: a lot of my Hispanic students come with a collectivist approach.

00:39:09 Shauna Brown: Great real world connection

00:39:23 Valerie Faulkner: Cultural vs. Environmental

00:39:23 Leslie Texas: important distinction...cultural vs. environmental :)

00:39:29 cynthia wilson: I LOVE how you make a real life connections with choosing numbers! Tying it into such meaniful ages, dates, and values really brings it to the forefront of conversations. Math is everywhere!

00:39:38 Linda Koval: Absolutely, growing up in the city and teaching in a farming community was a cultural shock for me.

00:39:45 Sandra MacDonald: connections are made

00:39:47 Chimire Owsley: creating a love for Math

00:39:51 Michelle Page: Gives kids a chance to explore their own thinking and listen to others

00:39:51 maureen prendergast: Communication skills

00:39:51 Megan Riley: I love math talks.... they can communicate really well with each other

00:39:53 hawley shibata: opportunity to shine

00:39:53 Dave Hankin: Sharing of knowledge...

00:39:54 Rachelle Broggin: Being able to form an idea related to math,

00:39:55 Maggie Pfuntner: Can understand their thinking and help foster connections

00:39:55 Ana Guerrero: Great opportunity to have students engaged in mathematical conversations

00:39:55 Leah Watson-Rodgers: It gives them a voice. The are able t share ideas in a safe environment

00:39:55 Patricia Dabis: express their point of view

00:39:55 Sandra MacDonald: they see themselves in the math

00:39:55 Marie Clarke: see their thinking

00:39:59 Quianna Watkins: helps their understanding process

00:40:00 Suhana Kadoura: testing out their thinking before sharing with a whole group is powerful

00:40:01 Danielle Bentley: mental math

00:40:01 Guadalupe Alvidrez: Listening to one another's ideas

00:40:02 Debbie Grady: Helps students develop clarity

00:40:02 Lisa Aldous: Increased confidence

00:40:04 Robin Schwartz: they have a voice

00:40:04 maureen prendergast: Confidence

00:40:06 Angela Ruggeri: SHARING KNOWLEDGE AMONG STUDENTS

00:40:06 Jessica Barrier: have an opportunity to engage with their peers

00:40:06 Leena Guttal: No wrong way of doing it

00:40:07 Chaquetta Walker: builds conceptual understanding

00:40:07 Dennis Manyanga: creative thinking
00:40:08 Rachelle Broggin: AHA moment!!!
00:40:08 Myra Collins: the connections students are making
00:40:08 Marie Clarke: ways of formative assessment
00:40:08 Danielle Bentley: vocab development
00:40:09 JoAnn Santiago: we need to make connection with real life
00:40:10 Chermin Carnes: Deepen thinking and connect to real world
00:40:11 Sheila Kirton-Robbins: Students feel included Their opinion matter.
They can make a difference.
00:40:11 harry holloway: my students all talk it is vital to learning.
00:40:11 Joy Duncan: thinking creatively
00:40:14 Catherine VanNetta: all ideas are valued
00:40:15 Rebecca McKlindon: Having everyone have a voice to share ideas
and be welcoming to answers that may not always be right but lead us to learning
opportunities
00:40:16 Michelle Page: they sometimes figure out what's going on just by
talking out loud about it
00:40:17 Payal Arora: Exchanging ideas and creative thoughts
00:40:17 Sharon Black-MacKinnon: enables the students to be acknowledges for
their voice
00:40:17 Shonda Moore: What prior knowledge and bias the students have
regarding math
00:40:18 Danielle Bentley: flexibility in math
00:40:18 Katherine Raiguel: Making connections, learning mathematical
terms, seeing things in different ways
00:40:19 Leena Guttal: Included
00:40:20 Ana Alcaraz: They bring ideas from their own home countries and
make connections we would never have thought of (I have lots of immigrant students)
00:40:20 Chaquetta Walker: builds fluency with number sense
00:40:21 maureen prendergast: sharing
00:40:22 Rosanna Heard: different solution paths
00:40:26 Joy Duncan: flexibility
00:40:28 Myra Collins: the chance for all students to learn the
mathematical language and then use it
00:40:28 Mary Truxaw: Opportunities to listen, hear, and build new ideas
00:40:29 Tracy Coleman: Helps to increase knowledge and understanding in
areas where they may not be getting the conversations outside of school.
00:40:29 Danielle Bentley: fluency
00:40:29 Chaquetta Walker: can compare strategies
00:40:29 Shauna Brown: Have meaningful discussions
00:40:30 harry holloway: learning to ask questions
00:40:32 Sandra MacDonald: sharing makes us all richer
00:40:34 Sharon Black-MacKinnon: build fluency and flexibility
00:40:34 Anupama Anand: creativity and communication
00:40:36 Linda Koval: That they can do difficult math and feel confident
about their abilities!
00:40:38 Julie Secrest: boosts confidence and interest in math
00:40:38 Lesha Coker: Why does it have to be about black students?????? I
have all cultures in my classroom!!!!!!!!!!
00:40:40 Aya Zvaigzne: Voices are valued, respected, and therefore

empowered

00:40:40 Viragni Chand: Engage them into mathematical dialogue
00:40:41 Rogelio Jr Longakit: connections and relationships
00:40:41 Marie Clarke: making connection the abstract to concrete
00:40:43 Alison Snyder: connecting and communicating with other students
00:40:43 Gizelle Lev: Teacher can intentional facilitate and empower
students who are typically not seen as good in math
00:40:44 Sandra MacDonald: mistakes are ways to learn
00:40:45 maureen prendergast: accept differences
00:40:45 Michelle Page: Work through ideas
00:40:48 Chermin Carnes: different perspectives
00:40:52 Brooke VanRhee: A student may not be able to read well, but may feel
"smart" in math
00:40:54 Jill Perry: Centering their ideas
00:40:55 dana dulzo: learning to ask questions and participate, feel like
they have something to contribute
00:40:56 Amanda Nica: Learn for each other
00:40:57 Stacey Monroe: able to communicate in non threatening environment
00:40:57 Dawn James: taking time to ensure understanding
00:40:59 Dr Deborah Smith: Hear everyone's thinking
00:40:59 harry holloway: letting go a fear
00:41:05 Catherine Bronikowski: students understand the math - they just
need more help with layering the technical math terms on top of their understanding
00:41:06 Myra Collins: recognize there are different ways to solve problems
00:41:09 Susan Hall: knowing that they have a voice that is important to
the entire class
00:41:09 Teresa Bulanda: number talks
00:41:10 Mary Truxaw: Learning from mistakes
00:41:13 Patricia Dabis: generate more dialogue
00:41:13 Rebecca Mangum: different ways to solve math problems
00:41:15 Gizelle Lev: redefine mathematical identity
00:41:33 Jessica Barrier: I love Dr. Hollie
00:41:46 Dianne Spencer: Some of our students do not have a voice at home
because the family dynamic may be difficult. Giving them a listener in the classroom
can be enormously empowering for a your student.
00:42:14 Dianne Spencer: young student
00:42:33 Leah Watson-Rodgers: It doesn't have to be Black students,
however students that are under-represented (Black, Latino, Asian groups like
Cambodian who are not represented well.) do not always feel comfortable in classes.
Teachers, regardless of background must engage all students, rather than ignore
them.
00:43:02 Linda Koval: Yes, Leah!
00:43:04 harry holloway: learning to risk failure. I have students who are
afraid to commit because they fear it will end in failure
00:43:11 Rebecca McKlindon: whisper/throw is a good way to get started
00:43:19 Rebecca McKlindon: Love talk moves!!!
00:43:21 Rachelle Broggin: Thank you LEAH!!!!
00:43:26 Cheryl Akers: great resource
00:44:13 Dave Hankin: I like this form...
00:44:20 Maggie Pfuntner: I love this!

00:44:32 Linda Koval: Number sense is important. Sometimes my students get an answer from a calculator and they don't even know that their answers do not make sense.

00:44:38 Cheryl Akers: less than 100

00:44:43 Janet Jimenez: I love this can definitely use it with my younger ones.

00:44:44 Susan Ben Abdallah: this form helps students realize when answers don't make sense

00:44:47 Msrtek Vasicek: The answer is about 60 because 2020 minus 1950 is 70

00:44:51 Maggie Pfuntner: The answer is going to be less than 2020 because we are subtracting

00:44:52 Rachelle Broggin: the answer is going to be less than

00:44:52 Viragni Chand: about 70

00:44:53 Sharon Black-MacKinnon: between 60 and 70

00:44:55 Nahdiyah Abdur-Rahman: 70 because I rounded off

00:44:56 Barbara Knox: The answer is going to be about 70

00:44:56 Lindsay Campbell: the answer is going to be about 70

00:44:57 Jim Meyer: it going to be round 70 because $50 + 20$ is 70

00:44:58 maureen prendergast: about 70 because $50 + 70 = 2020$

00:44:58 Amanda Nica: the answer will be less than 100

00:45:00 Aya Zvaigzne: The answer is going to be someone's age on their birthday. Definitely less than 100.

00:45:00 Robin Schwartz: use 2000 as a comparison number for both

00:45:01 Lesa Haney: Will we receive a copy of this presentation?

00:45:02 harry holloway: then answer will be less than 100 since $1954+100$ is more than 2020

00:45:02 dana dulzo: 66 because 50 and 50 is 70

00:45:03 Christina Tully: The answer is going to be less than 100 because 2020 is less than 2054

00:45:04 Ana Alcaraz: The answer is going to be between 50 and 100 because 1950 to 2000 is 50 and $1954 + 100$ is 2054.

00:45:04 Sandra MacDonald: The answer is going to be about 7 because 54+ from 2000

00:45:05 JoAnn Santiago: 60

00:45:06 Valerie Vanderport: my husband's age

00:45:09 Jeanne Simpson: The answer is going to be greater than 50 because $2000 - 1950$ is 50.

00:45:09 Guadalupe Alvidrez: The answer is going to be between 60 and 70

00:45:11 Caitlin Lischer: The answer is going to be greater than 50 because $1954+50$ is 2004 and 2020 is more than 2004

00:45:12 Patricia Dabis: greater than 60 less than 70

00:45:13 Dave Hankin: greater than 50 , because $1954 + 50 = 2024$.

00:45:13 Linda Koval: about 70

00:45:13 Sandra MacDonald: 70 not seven!

00:45:13 Melissa Campbell: the answer is going to be less than 100 because the two numbers are less than 100 apart

00:45:13 Debbie Pierce: The answer is going to be less than 2020 because you are taking a number away

00:45:15 Alison Snyder: About 70 if you round both numbers

00:45:16 Brooke VanRhee: The answer is going to be about 50 because $2000 -$

1950 is 50.

00:45:16 Marie Clarke: close to 70
00:45:17 Dawn James: The answer is going to be about 70 when rounded
00:45:18 Msrtek Vasicek: Greater than zero, less than 3000
00:45:18 Leena Guttal: around 60
00:45:19 Demetrius Green: It s going to e 60 years since the brown vs
board of education
00:45:19 Chaquetta Walker: the answer is going to be between 60 and 70
00:45:20 Quianna Watkins: The answer is less than 70 because 2020 -
1950 is 70 and 1954 is 4 more years than 1950.
00:45:23 Viragni Chand: between 60 and 70
00:45:24 Robin Morelock: The answer is going to be less than 10.
00:45:30 Michelle Page: The answer is going to be about 70 because 50 + 70
ia 120
00:45:31 Patti Gawronski: about 70 because 2020 - 1950
00:45:32 Rachel Anderson: Greater than 50 bc 2020 - 1950 is 50
00:45:33 harry holloway: 66
00:45:33 Leah Watson-Rodgers: About 60, because 2020 - 1960.
00:45:36 Marissa Day: The answer is going to be greater than 50 because 54
plus 50 is 2004
00:45:36 Sandra MacDonald: love the connection with landmarks
00:45:40 Georgia Molina: less than 70 greater than 60
00:45:42 Rebecca Mangum: the answer is going to be about 60 because
2020-1960 is 60.
00:45:44 Viragni Chand: less than 70 because 2020-1950 = 70
00:45:45 Lynda Krivansky: Going to be around 65 because 1954 is near
1955 and 1955 is 45 from 2000; 2020-2000 is 20.
00:45:45 Dominique Dawkins: the answer is going to be greater than 65
because my mom was born in 1955. she will turn 65 this year.
00:45:49 Catherine Bronikowski: the answer is going to be between 60 and 70
because I was born in 1963
00:45:55 Jessica Barrier: between 65 and 70
00:45:56 Sheila Kirton-Robbins: less more than 3 b
00:45:58 Rachel Anderson: 2000* - 1950 is 50
00:46:01 Msrtek Vasicek: 4.6 because you add
00:46:02 Maggie Pfuntner: The answer is going to be greater than 2.7
because we're addin
00:46:02 Thy Dinh: less than 4
00:46:03 harry holloway: about 5 since 2+3
00:46:05 Viragni Chand: less than \$5
00:46:06 Georgia Molina: About 4.6
00:46:08 Leena Guttal: more than 4.7
00:46:08 Sandra MacDonald: the answer is greater than 4 because it's
about 2 and 2.7
00:46:09 Ana Alcaraz: The answer is going to be about 5 billion because 2
+ 3 is 5
00:46:12 Dawn James: about 5
00:46:12 Amanda Nica: The answer is going to be about \$5 because \$2 +\$3 is
\$5 (rounding
00:46:12 Georgia Molina: less than 5

00:46:13 Rachelle Broggin: It will be close to 5 billion

00:46:14 Lisa Aldous: The answer is going to be about \$5 billion because 1.9 round to 2 and 2.7 rounds to 3.

00:46:14 Debbie Grady: about 4 billion because I rounded each number

00:46:15 Guadalupe Alvidrez: The answer is going to be about \$5 because I rounded

00:46:16 Anupama Anand: gretar than 4

00:46:16 Chermin Carnes: The answer is going to be about 4.7 because we round to 2.0

00:46:17 Shonda Moore: The answer will be about\$5 (rounding)

00:46:17 Mary Truxaw: The answer is going to be around 5 because 1.9 is close to 2 and 2.7 is close to 3

00:46:17 Julie Secrest: about 5

00:46:18 Valerie Faulkner: 5 million million

00:46:19 Caitlin Lischer: the answer is going to be less than 5 because i estimated by rounding them both up

00:46:20 Dr Deborah Smith: The answer is going to be about 5 because I rounded.

00:46:20 Rosanna Heard: less than 5

00:46:21 Jeanne Simpson: The answer is going to be between 3 and 5 because 1+2 is 3 and 2+3 is 5.

00:46:21 Chaquetta Walker: the number is going to be 4.6

00:46:21 Georgia Molina: Greater than 4

00:46:21 Marissa Day: greater than 4 because 2 plus 2 is 4

00:46:22 Dennis Manyanga: the answer is less than 5

00:46:23 Robin Schwartz: a bit less than 4.7 billion

00:46:23 Demetrius Green: 4.7 billion is the budet spent on education

00:46:23 Sharon Black-MacKinnon: going to be about \$4.7 because 1.9 is close to 2

00:46:23 Linda Koval: Less than 5

00:46:24 dana dulzo: going to be about 4.5 because round 1.9 to 2 and 2.7 round to 2.5

00:46:27 Andrea Escobar: more than 4B

00:46:28 Tracy Coleman: Close to \$5 billion because of rounding up.

00:46:29 Brooke VanRhee: The answer is going to be about 5 because 1.9 rounds to 2 and 2.7 rounds to 3.

00:46:30 Lindsay Campbell: about 4.5 billion

00:46:31 Robin Morelock: The answer will be about 5 because rounded it is \$2 and \$3.

00:46:33 Barbara Knox: $2 + 2.6 = 4.6$

00:46:33 Rachel Anderson: The answer is going to be around \$5.00 because 1.9 is close to \$2 and @2.7 rounds to \$3

00:46:34 Sandra MacDonald: wow!

00:46:35 Dave Hankin: abojust less than 4.7 billion, because $2.7 + 2 = 4.7$

00:46:35 Rebecca Mangum: the answer is going to be about 5 because $2 + 3$ is 5

00:46:35 Quianna Watkins: The answer is going to be about 5; 1.9 is about 2 and 2.7 is about 3. $2 + 3 = 5$

00:46:36 Michelle Page: The answer is going to be greater than 4 because 1.9 is .1 away from 2 and .7 will take it over the next 1

00:46:36 Viragni Chand: less than 5 and greater than 4

00:46:36 Lynda Krivansky: Around 4.5 because 1.9 is close to 2 and 2.7 is near 2.5, $2+2.5=4.5$

00:46:37 Ana Alcaraz: lol

00:46:41 Valerie Faulkner: 5 thousand million I mean

00:46:42 Jim Meyer: about 4 - 5 billion because 2 + more than 2

00:46:42 Leah Watson-Rodgers: It's \$4.6 because we do mental math.

00:46:43 Jessica Barrier: greater than 4

00:46:43 Katherine Raiguel: $2.0+2.7=4.7$

00:46:44 Marie Clarke: going to be greater than 4 but less than 5

00:46:46 Candace Bailey: The answer is going to be between \$3 and \$4

00:46:55 Amanda Nica: The answer is less than 4

00:46:55 Cindy Bryant: Please change you chat setting to All panelists and attendees so that everyone can see your posts.

00:46:57 Sharon Black-MacKinnon: it will be less than 4

00:46:59 Sheila Kirton-Robbins: less than 3

00:47:03 Ana Alcaraz: The answer is going to be less than 4 because you're multiplying be less than 1

00:47:04 Cheryl Akers: close to 2

00:47:04 Msrtk Vasicek: about 2 bec $3/5$ is about half

00:47:05 Maggie Pfuntner: It will be about 2 because $3/5$ is close to $1/2$

00:47:05 Linda Koval: 2.4

00:47:06 Mary Truxaw: The answer is going to be less than 4 because $3/5$ is less than 1

00:47:09 harry holloway: more than 2 since $4*1/2$ is 2

00:47:10 Lynda Krivansky: Around 2 because $4x3$ is 12 and there are a bit more than two whole groups of 5 in 12

00:47:11 Sandra MacDonald: it will be more than 2 because it's more than 4 halves

00:47:11 Lisa Aldous: The answer is going to be more than 2 because it is a little more than half of 4

00:47:12 Lesly Brown: About 3 but a little less

00:47:14 Jim Meyer: Little more than 2 because $3/5$ is a little more than half.

00:47:14 Jeanne Simpson: Between 2 and 4 because $3/5$ is greater than $1/2$ but less than 1

00:47:15 Dominique Dawkins: the is answer is going to be less than 4 because your multiplying a number less than 1

00:47:15 Thy Dinh: between 3-4 since $4 \times 1 = 4$ and $3/5$ is less than 4

00:47:16 Caitlin Lischer: the is answer is going to be about 2 because $3/4$ is close to $1/2$

00:47:16 Valerie Vanderport: alittle more than 2

00:47:17 Anupama Anand: 2

00:47:17 Shauna Brown: The answer is going to $12/5$

00:47:17 Stacey Monroe: less than 4 because $\times 1$

00:47:18 Barbara Knox: more than 2 but less than 3

00:47:19 Sharon Black-MacKinnon: because the fraction is less than one

00:47:21 Marie Clarke: greater than two but less than 3

00:47:24 Dave Hankin: greater than 2, because 4 times a number slight bigger than $1/2$ give me 2. something

00:47:26 Demetrius Green: 1 whole that was what was used to calculate as state population for slaves

00:47:27 Barbara Knox: because $3/5$ is more than $1/2$

00:47:28 Lindsay Campbell: around 2 because $3/5$ is close to $1/2$ and 4 halves make 2

00:47:30 Julie Secrest: more than 2

00:47:30 dana dulzo: around 2 because 12 divided by 6 is 2 (5 to 6)

00:47:32 Dianne Spencer: Kuddos to you for reminding us of all these culturally significant numbers!

00:47:32 Barbara Lambert: $3/5$ is more than $1/2$, so 4 sets of this would be more than 2.

00:47:33 Georgia Molina: answer is more than 2 less than 4

00:47:33 Rebecca Mangum: The answer is going to be about 2 because 10 divided by 5 is 2

00:47:34 Viragni Chand: less than 4

00:47:36 Leah Watson-Rodgers: Less than 4 because $3/5$ is less than 1.

00:47:36 Brooke VanRhee: The answer will be about 2 because $3/5$ is about $1/2$.

00:47:38 JoAnn Santiago: $2 \frac{2}{5}$

00:47:44 Shonda Moore: The answer is over 2 cuz $3/5$ is 60%

00:47:47 Chaquetta Walker: more than 2 wholes

00:47:47 Dawn James: more than 2

00:47:49 Leena Guttal: less than 4

00:47:50 Viragni Chand: $3/5$ is 60% so bigger than 2

00:47:57 Chermin Carnes: The answer is going to be about 2 because 5 will be divided into 12 is 2 remainder 2

00:47:59 Leah Watson-Rodgers: $3/5$ human

00:48:00 harry holloway: in the consturtion 1787

00:48:13 Carrie Daniels: :(

00:48:14 Barbara Lambert: Why were slaves counted that way?

00:48:22 Chaquetta Walker: it makes it relevant to their life

00:48:26 Amanda Nica: It gives them a starting point with the sentence starters

00:48:26 Rebecca McKlindon: There isn't just one right answer

00:48:27 Ana Alcaraz: Allow their voices to be heard

00:48:27 Dawn James: sentence stems support vocabulary use

00:48:27 Linda Koval: I appreciate how you bring history into math and I am going to do that with my class!

00:48:28 Robin Schwartz: inviting

00:48:29 Shauna Brown: It would get them thinking critically

00:48:29 harry holloway: creates conversation

00:48:32 Sheila Kirton-Robbins: makes their history relevant and teaches math

00:48:32 Anupama Anand: provide them with talking points

00:48:33 Cheryl Akers: accepting all answers with justification

00:48:33 Catherine VanNetta: Encourages more participation because there are many responses.

00:48:33 Valerie Faulkner: Missouri compromise?

00:48:34 dana dulzo: their answer can be close and not exact

00:48:34 Rachelle Broggin: Wow!!! $3/5$ of a human! Does she have any literature a book, other than the website???

00:48:35 Stacey Monroe: own their answers
00:48:35 Caitlin Lischer: more than one correct answer - don't have to worry about being 'wrong'
00:48:36 Shonda Moore: Gives some leeway in an answer without having to have the right answer.
00:48:37 Sandra MacDonald: it allows estimation while making connections to themselves
00:48:37 Maggie Pfuntner: Giving sentence frames increases confidence
00:48:39 Leena Guttal: More meaningful
00:48:42 Rebecca Mangum: Gives multiple ways to answer
00:48:42 Chaquetta Walker: allows them to use mental math
00:48:43 Susan Ben Abdallah: their culture would be included
00:48:43 Trish Harris: They would feel respected. Acknowledged.
00:48:45 Lisa Aldous: Real world context makes it more meaningful
00:48:45 Sharon Black-MacKinnon: no right or wrong answer
00:48:47 Michelle Page: This last one would help narrow down the possibilities of answers and give them an idea of an entry point
00:48:47 Lesly Brown: I love how confirming and positive Ms. Gray is with her instruction. This would help all students, but especially anyone that has felt excluded.
00:48:47 Candace Bailey: This allows the students to participate by giving them the sentence frames.
00:48:48 Anupama Anand: sentence framers
00:48:48 Aya Zvaigzne: Can choose what they want to answer
00:48:49 Mary Truxaw: Multiple answers and multiple ways to think about them
00:48:50 Harry Holloway: in is part of the constitution 1787
00:48:51 Demetrius Green: no
00:48:54 Angela Ruggeri: Make it relevant to them
00:49:00 Nell Thurlow: That is why electoral college works the way that it does to this day
00:49:01 Danielle Bentley: It becomes their purpose, their history
00:49:02 Dr Deborah Smith: Which one doesn't belong gives students an opportunity to express what they think because no answer is incorrect
00:49:04 Gizelle Lev: Allow students to develop a positive mathematical identity
00:49:04 Harry Holloway: was in the constitution 1787
00:49:06 Leena Guttal: There's no one right answer.
00:49:07 Sharon Black-MacKinnon: allows them choice
00:49:11 Tammy Lackey: used for electoral college
00:49:15 Myra Collins: they can use what they know about math and estimate their answers even if they couldn't get the answer on paper; getting close in your mind is a great way to start
00:49:16 Aya Zvaigzne: low pressure questions
00:49:18 Trish Harris:
<https://www.theconstitution.org/news/understanding-the-three-fifths-compromise/>
00:49:18 Rosanna Heard: using relevance with numbers such as you are doing would allow students to relate to facts
00:49:18 Lesly Brown: Good cross-curriculum teaching.
00:49:19 Jim Meyer: To prevent southern states from having greater

representation in the house of Reps. because of the population of black folks.

00:49:22 Dave Hankin: open ended responses

00:49:24 Patricia Dabis: deep thinking happening

00:49:30 Shonda Moore: Provisions allowed southern states to count slaves as 3/5 persons for purposes of apportionment in Congress (even though the slaves could not, of course, vote), expressly denied to Congress the power to prohibit importation of new slaves until 1808, and prevented free states from enacting laws protecting fugitive ...

The Thirteenth Amendment: Slavery and the Constitution

00:49:31 Danielle Bentley: No it is not. It is in the Constitution

00:49:32 harry holloway: It was part of the constution to get the south to ratify it

00:49:32 Melissa Campbell: The Missouri Compromise related to slave vs. nonslave states entering the Union

00:49:33 Susanna Guerra: offering the estimated answers takes the pressure off to give the answer and focus on thinking

00:49:35 Barbara Lambert: You have a wealth of knowledge, and this is all very interesting. Thank you for this.

00:49:36 Demetrius Green: gives them to express their thoughts in their own ways

00:49:38 Sandra MacDonald: There are still answers to share after the first person speaks

00:49:47 Maggie Pfuntner: This routine would be great to support students with disabilities as well

00:49:55 Lesly Brown: Demonstrating how math is used in life.

00:50:01 harry holloway: these mothnog create talking

00:50:08 Dianne Spencer: 3/5 came from the Constitutional Convention of 1787.

00:50:26 Trish Harris:

<https://www.theusconstitution.org/news/understanding-the-three-fifths-compromise/>

00:50:27 Linda Koval: Yes, we want our students feel that they belong in our school and in our classroom!

00:50:41 Mark Phipps: Stay calm

00:50:44 Catherine Bronikowski: For an assignment, I might have students create strategies

00:50:45 Jessica Barrier: Make sure that all of our students feel safe and lved

00:50:45 Dawn James: support all learners

00:50:47 Robin Schwartz: teachers' decisions have such a large impact

00:50:47 Jessica Barrier: loved

00:50:48 Patricia Dabis: safe space

00:50:53 Sandra MacDonald: we can't solve the world's problems, but we can make our classrooms safe and welcoming places

00:50:54 Chermin Carnes: Completely agree. Classrooms can be a place of acceptance and tolerance

00:50:55 Mark Phipps: Be consistent

00:50:55 Leslie Texas: Keeping the focus on what is in "our lane" and what we can control

00:50:56 Maggie Pfuntner: understand

00:50:58 Patricia Dabis: respect

00:50:58 Shonda Moore: Have honest discussion
00:50:58 Amanda Nica: You can control something
00:50:59 Stacey Monroe: outlet for students
00:51:00 Sharon Black-MacKinnon: love the children and meet them where they
are
00:51:00 Ana Guerrero: Totally agree
00:51:02 Jessica Rock: Everything we do makes a difference.
00:51:02 Aya Zvaigzne: Make your classroom the best and happiest part of
their day
00:51:03 Anupama Anand: safe and loved space
00:51:03 Trish Harris: Create the conditions for belonging
00:51:05 harry holloway: sometimes we can give kids tools to help them deal
with the world
00:51:08 Mary Truxaw: I feel like we need to control the conditions in the
classroom, but we also need to work for the systemic changes too
00:51:08 paloma carrera: we can make a safe environment
00:51:09 Joy Duncan: the classroom is a microcosm
00:51:09 Jeanne Simpson: I have a responsibility to make a difference with
things I can control!
00:51:12 cynthia wilson: Loved and Heard!
00:51:14 Debbie Pierce: You set the tone of your classroom
00:51:14 Andrea Chew: Loved
00:51:16 Rachelle Broggin: Yes, we have to meet our kids where they are
at each day. Each day is a new day and the problems or issues they face does not
carry on from one day to the next.
00:51:19 Georgia Molina: love, making them feel like family in the classroom
00:51:20 Rebecca Mangum: They can speak up when they do not like what is
happening in the class.
00:51:21 paloma carrera: we have the power to make a difference
00:51:21 Tonya Burke: Create a classroom culture that is inclusive for
all!
00:51:23 Julie Secrest: we can help, them feel they are loved and safe
00:51:23 Lesly Brown: We cannot fix everything, but we can make all
students feel loved and made to feel welcome in our classrooms.
00:51:24 Michelle Page: If a kid can feel safe and welcome somewhere (our
classroom) then they can see the possibility of feeling that way elsewhere
00:51:25 Leah Watson-Rodgers: Support all students and make education
available and meaningful for all students. Education is the key.
00:51:25 JoAnn Santiago: Very true! we can make it comfortable and that all
students belong.
00:51:27 Marie Clarke: we have control of our classroom environment
00:51:28 Katherine Raiguel: Show them by actions and words that they are
an important part of the classroom, that they have value
00:51:37 Ginny Wheeler: We model with our speech and behavior as we interact
with students.
00:51:37 Dave Hankin: Real-world activities.
00:51:40 Stacey Monroe: loving environment
00:51:44 Viragni Chand: Teacher's can create a risk free and safe
environment in the classroom where every student can be successful
00:51:45 Barbara Lambert: I guess this is correct, but it is not

comforting. I want to control situations in my classroom.

00:51:51 Leena Guttal: Make it meaningful

00:51:51 Robin Schwartz: any specific recommendations for the online environment

00:51:54 Angela Hunter: we have the opportunity to change the mindset of students

00:51:58 Leah Watson-Rodgers: I remember an assignment about peanut butter and jelly sandwiches and we had to teach our Latino students what that was as our students had never had that.

00:52:14 Susan Ben Abdallah: teachers do have control over institutional racism they need to call out people when examples arise

00:52:17 Kimi Meyer: I have to be the role model.

00:52:17 Linda Koval: By sharing power with them and not hold power over them.

00:52:20 Emily Kavanagh: We do have the ability to control our classrooms

00:52:31 harry holloway: asking questions that matter

00:52:36 Anupama Anand: including them in every decision making

00:52:37 Dawn James: Ensure all students are supported. All means all.

00:52:56 Rebecca McKlindon: do your research

00:53:00 harry holloway: listen

00:53:01 dana dulzo: facilitate and support their learning not control it

00:53:01 Rachelle Broggin: Listening to the students

00:53:03 Danielle Bentley: I plan on having students write a letter to math so that we can begin to find our math identity.

00:53:06 Robin Schwartz: student choice

00:53:08 Mary Truxaw: Develop a community agreements with students

00:53:09 Sandra MacDonald: include their interests in the math problems

00:53:09 Anupama Anand: asking for their regular feedback

00:53:10 Laura Hope: ensure they are represented-listen

00:53:14 Dr Deborah Smith: Develop relationships with them

00:53:14 Linda Koval: Find out what interests our students.

00:53:16 Leah Watson-Rodgers: Include parents as much as possible.

00:53:17 Rebecca McKlindon: learn as much as we can about each student

00:53:18 Rebecca Mangum: I like the idea of using actual numbers from history to make the learning relevant to black students.

00:53:18 Joy Duncan: build rapport

00:53:18 Marie Clarke: have reading texts that represent them and other cultures

00:53:18 Sheila Kirton-Robbins: Create a safe space

00:53:19 Georgia Molina: listening to the students

00:53:19 Leena Guttal: Get to know them

00:53:20 harry holloway: make them part of the class

00:53:23 Cindy Bryant: Great strategies!

00:53:35 Demetrius Green: Bringing in their culture and allowing them to see that their culture is important

00:53:35 Dave Hankin: Include everyone...

00:53:44 Jessica Barrier: listening to them

00:53:46 Chermin Carnes: creating relationships with students and their families.

00:53:49 Dave Hankin: student voice

00:54:03 Rosanna Heard: Giving them an opportunity to share their voice
00:54:07 Dave Hankin: discussions
00:54:07 Aya Zvaigzne: I let students lead part of the class sometimes.
00:54:08 Leena Guttal: Have posters of mathematicians from various cultures
00:54:11 Jessica Barrier: allowing them to express themselves
00:54:13 Barbara Lambert: I have always told my students that they
need to be comfortable in asking questions and making mistakes without someone else
making fun of them. We must respect all students in the class.
00:54:14 Tonya Burke: Thank you for bringing this to the group! Excellent
information in meeting the needs of our students! Math Matters for ALL! Black
students are worthy!
00:54:21 Linda Koval: Know where our students are coming from and support
them in any way that we can!
00:54:22 Leah Watson-Rodgers: Point out those of other cultures who have
contributed to math, Many do not realize that Africans, Native Americans, Latinos
have made huge contributions
00:54:22 Nonye Obiora: Listening to students
00:54:36 Sandra MacDonald: celebrate their contributions
00:54:38 Joy Duncan: culture of revising thinking
00:54:43 Sandra MacDonald: no!!! Don't end!
00:54:45 Patti Gawronski: Give them voice and listen
00:54:47 Julie Secrest: acknowledge their backgrounds
00:54:50 Noeimi Vizcarra: Real-world problem solving- touching on
issues that relate to their own lives and communities
00:54:52 Demetrius Green: Allowing them to see the historical
contributions that African Americans have made in the math profession
00:55:03 Danielle Bentley: @Sandra--my exact response!
00:55:04 Emily Kavanagh: Acknowledging students differences
00:55:23 Sandra MacDonald: @Danielle - wish it were longer!
00:55:29 Kate Smallberg: No ability-based groups or tracking
00:55:34 Brooke VanRhee: I love incorporating the different cultures into the
learning. Sharing real-world stories like the Hidden Figures ladies.
00:55:35 Linda Koval: Every student matter!
00:55:50 Sandra MacDonald: I'm always looking for new resources
00:56:04 Dianne Spencer: My team and I have decided to highlight a black
contributor to the building of the USA every school day. Technicians, Doctors,
Engineers, Teachers, Nurses, Explorers, Astronauts, ... We hope this will show
our students that black people built this country!
00:56:05 Trish Harris: He has a great Tuesday night Twitter convo every
week on hiphop pedagogy (Chris Emdin)
00:56:20 Julie Secrest: culturally responsive teaching
00:56:40 Rachelle Broggin: Yes, Diane Spencer !!!!! Kudos to your
TEAM!!!!
00:56:46 Linda Koval: Celebrate accomplishments and not just during
February!
00:56:48 Leslie Texas: Excellent! Thanks for sharing
00:56:55 Sandra MacDonald: nice!
00:56:58 Christina Hall: Diane, that is an AWESOME idea!
00:57:02 Dave Hankin: Look like great resources...
00:57:04 Samantha Bustos: Adding these all to Goodreads

00:57:08 JoAnn Santiago: Thank you for sharing!
00:57:08 Trish Harris: Thank you!
00:57:14 Dr. Therese Farmer: Thank you.
00:57:15 Patti Gawronski: love Dreamkeepers
00:57:17 Jill Perry: Thank you
00:57:19 Valerie Faulkner: I like your Black Girl Math Icon
00:57:19 Rachelle Broggin: GREAT JOB!!! Thank you, wish it was longer
00:57:20 Sharon Black-MacKinnon: Thank you so much!
00:57:21 Susan Troutman: Thanks!
00:57:22 Myra Collins: Thank you!
00:57:24 Angela Ruggeri: Thank you!
00:57:24 Danielle Bentley: Please read Dr. Gholdy Muhammad's book,
Cultivating Genius!
00:57:24 Yvette Martinez: Thank you!
00:57:25 Lisa Chang: Thank you!
00:57:25 Shonda Moore: Good Job!
00:57:25 Leslie Texas: Much appreciated!!!!
00:57:27 Mary Truxaw: Thank you!@
00:57:28 Susan Hall: Thank you - this was so full of information that
makes me think how to be better
00:57:28 Leah Watson-Rodgers: Thank you!!
00:57:28 Julie Secrest: thank you!
00:57:29 harry holloway: thanks
00:57:29 Ana Guerrero: I really liked the "Tell Me All You Can" activity
(sentence stems). I plan to use it
00:57:30 Lisa Aldous: Thank you!
00:57:30 Michelle Page: Thank you so much!
00:57:31 Michelle Rahian: this was great! thank you!
00:57:31 Stacey Monroe: thanks
00:57:34 Rogelio Jr Longakit: thank you
00:57:34 Leena Guttal: Thank You!
00:57:34 Nonye Obiora: Thank you
00:57:34 Debra Cash: Thank you! Excellent session.
00:57:34 Phyllis Creech: Thank you!!!
00:57:35 Christina Hall: Thank you so much!
00:57:35 Daniel Irving: Thank you!
00:57:36 Sandra MacDonald: this was excellent and appreciate all the
resources, too!
00:57:38 Linda Koval: Thank you so much!
00:57:40 dana dulzo: Thank you, great resources to continue the
conversation and learning.
00:57:42 Barbara Lambert: This was very enlightening. Thank you.
00:57:42 Mark Fili: Book: Beyond Banneker- Black Mathematicians & The
Paths to Excellence by Erica Walker
00:57:43 Dennis Manyanga: Thank you
00:57:44 Tamara Johnson: thank you
00:57:47 Ann Adkins: Thank you so much for giving us some valuable
suggestions!
00:57:47 SHARON VEGA: thanks for sharing the books
00:57:48 Chaquetta Walker: OMG I love the focus...I loved the relevant

numbers..thank you so much!

00:57:48 Demetrius Green: Thank you so much!
00:57:50 Lynda Krivansky: Thank you!
00:57:50 Dianne Spencer: !!!!!!!!!!! Powerful!
00:57:53 Dominique Dawkins: thank you
00:57:54 Debbie Pierce: Thank you
00:57:55 Marie Clarke: Thank you
00:57:57 Gloria Flores: Thank You
00:58:01 Patricia Dabis: Awesome! Thank you for sharing.
00:58:01 Mark Phipps: Christopher was keynote speaker in DC when I was there a couple years ago. He's awesome! Great presentation.
00:58:02 Sandra MacDonald: gave me some great new ideas
00:58:05 Jessica Barrier: Thank you!
00:58:05 Crystal Morton: Thank you!
00:58:07 Georgia Molina: Thank you so much
00:58:09 Tanya Landry: Thanks
00:58:09 Nora Marasigan: Thank you so much!
00:58:12 Chaquetta Walker: I am definitely stealing the "relevant numbers"
00:58:14 Shari Kaku: Thank you. Love how the numbers chosen were significant!
00:58:14 Dr Deborah Smith: Thank you.
00:58:14 Andrea Chew: This was great!!!
00:58:16 Carol Matsumoto: Thank you everyone.
00:58:17 Sherry Eldridge: Thank you!
00:58:18 Ramona Hall: Thank you!
00:58:18 Ana Guerrero: Thanks you for all the information you shared
00:58:23 Valerie Vanderport: thank you for your honest feedback and ideas

00:58:42 Anupama Anand: Thank you for the great presentation
00:58:44 Danielle Bentley: This was wonderful! THANK YOU for your work! I will be following you on Twitter!
00:58:44 Trena Wilkerson: Excellent Le'Vada! Thank you for sharing and also providing space for participants to engage in important reflection. We all have much to think about and much we can and must do to reach Black students.
00:58:48 Alison Snyder: Thank you! Love the book recs
00:58:50 Emerlina Binuya: Thank you! Great presentation!
00:58:51 Viragni Chand: Thank you, Great way to include History into Math Classroom and make every student belonging to the classroom family.
00:58:55 Linda Koval: I just want to share one of the best moment in my teaching career is being called Mom by one of my African American student. I was so proud even though her classmates teased her because I am Chinese American.
00:58:55 Brooke VanRhee: Please re-post the book list while we go through questions :-)
00:58:57 Chaquetta Walker: You have a new follower!!
00:59:09 Faith Peddie: Kelly, do you have a specific question?
00:59:10 Chermin Carnes: Love this idea. Will be using this in the upcoming year.
00:59:25 Rachelle Broggin: Great question!!!
00:59:33 Dianne Spencer: At what grade level can we begin these conversations

with young students?

00:59:50 Susanna Guerra: You can also use shapes

00:59:52 Trena Wilkerson: Excellent Le'Vada! Thank you for sharing and also providing space for participants to engage in important reflection. We all have much to think about and much we can and must do to reach Black students.

00:59:53 Joy Duncan: Are these slides available for us?

00:59:57 Chermin Carnes: @Dianne I teach fourth grade and I have these conversations with them.

01:00:02 Susan Nordyke: Which of the books you've listed would you start with? I am a 60 year old white teacher.

01:00:15 Nell Thurlow: Great presentation and resources, thank you so much!!

01:00:20 Sandra MacDonald: ha ha!

01:00:22 Chonda Long: A PDF of the slides will be posted with the recording tomorrow at www.nctm.org/100

01:00:37 Joy Duncan: Can you also go back to the slides with the numbers?

01:00:37 Aya Zvaigzne: Thank you very much for all the book recommendations.

01:00:41 Mark Phipps: White Folks Who Teach in the Hood! Start there.

01:00:42 harry holloway: I am reading how to be an anti-racist

01:00:44 Aya Zvaigzne: Great seminar, thank you!

01:00:44 Lesha Coker: I'm still scratching my head.....not sure if I left with an ideas on routines for Math workshop.....don't know if this was a good title for this call.

01:00:49 Rob Matyska: White/60--Start with the TATUM book (why are all the black kids sitting together in the cafeteria)

01:00:54 Dianne Spencer: So with younger students we use positive examples instead of the very sobering statistics of African American abuse.

01:00:58 Samantha Bustos: Stamped from the Beginning by Ibram Kendi is free on Spotify right now.

01:01:12 Susan Nordyke: Thanks Robn

01:01:13 Samantha Bustos: Not school related but a history of racism in America and it's been fascinating.

01:01:24 Lindsay Campbell: You could use street numbers of places around the neighbourhood the kids are familiar with- if you're looking for lower whole numbers

01:01:27 Rob Matyska: Another book is Bettina Love--We want to do more than survive

01:01:51 Christina Capuano: I agree Lesha

01:02:09 Sandra MacDonald: It's a great book, for sure!

01:02:13 Susan Ben Abdallah: number talks!

01:02:15 Susan Nordyke: I'll check them both out. Thanks again!

01:02:29 Jessica Barrier: I love that book

01:02:31 Jessica Barrier: !

01:02:51 Kate Smallberg: @Lesha and @Christina, there were two instructional routines here: 1) which one doesn't belong (wodb.ca) and 2) estimation sentence starters. There are many more if you want to check online too. But this used two great routines to continue a needed conversation

01:03:12 Rachelle Broggin: Will she be having any other webinars???

01:03:27 Joy Duncan: please go back a few more slides

01:03:32 Christina Capuano: ok thank you
01:03:54 Julie Secrest: thank you for the book references!
01:04:00 Trish Harris: Thank you for answering that q.
01:04:12 Christina Capuano: I agree, they are good strategies and I
have used them both
01:04:13 Chonda Long: A PDF of the slides will be available tomorrow with
the recording at www.nctm.org/100.
01:04:14 Dianne Spencer: Can we revisit the Discussion and Participation
Protocal slide?
01:04:35 Dianne Spencer: Also the Talk Moves slide.
01:05:13 Mary Truxaw: Jason Reynolds teamed with Ibram Kendi to write a
Stamped version of young people. It's great.
01:06:13 Mary Truxaw: I meant to say a version FOR young people (re:
Stamped)
01:06:14 Tonya McIntyre: Do you have any suggestions for remote learning
equity?
01:06:23 Myra Collins: Can you describe Put Your Two Cents In? That one is
new to me
01:07:17 Valerie Faulkner: The Color of Law is terrific.
01:07:38 Myra Collins: Thank you.
01:07:39 Leah Watson-Rodgers: Who wrote the Color of Law???
01:07:47 Shonda Moore: @Myra Also gives those that don't talk much an
opportunity to be heard.
01:07:50 Valerie Faulkner: Richard Rothstein
01:08:05 Leah Watson-Rodgers: Thanks!!
01:08:40 Alana Roberts: Yes giving them time to think is essential
01:08:43 Mary Truxaw: I like to call "wait time" "think time."
01:08:53 Myra Collins: I like the idea of ways to get all kids talking. In
most classes only a few students talk and the others expect them to carry that
responsibility
01:09:17 Cindy Bryant: Right on @Myra!
01:09:18 Shonda Moore: @Mary I find that most teachers have a problem with
given wait time.
01:09:18 Linda Koval: I like that, Mary.
01:09:48 Gloria Flores: I agree Myra
01:09:54 Alana Roberts: I've found that I have had to work at giving
students time to think.
01:10:04 Catherine VanNetta: Talk moves help students deepen, refine, or
extend their ideas. Talk moves also promote student to student talk.
01:10:11 Leah Watson-Rodgers: Very true and unfortunately as teachers we
allow this partly because we don't want to "embarrass" certain students. We have to
encourage talking.
01:10:14 Janet Jimenez: This is often such a big concern with the majority
of students, especially during the beginning of the year when you're getting to know
them.
01:11:34 Joy Duncan: What is stop and jot?
01:12:12 Shonda Moore: @Joy: stop talking and write about what you heard,
have a question about
01:12:37 Joy Duncan: thx
01:12:38 Suhana Kadoura: thank you so much!

01:12:48 Lindsay Campbell: Thank you!
01:12:49 Myra Collins: Great session! I enjoyed it tremendously.
01:12:50 Dominique Dawkins: yes
01:12:55 Christine Flanagan: Thanks!
01:12:58 Quianna Watkins: Awesome! Thanks
01:13:00 Tracy Coleman: Enjoyed the webinar. Thanks!
01:13:03 Demetrius Green: This was a great presentation. You are very helpful I remembered you when you presented a pd to my district
01:13:04 Sheila Kirton-Robbins: Thanks for a great session.
01:13:16 Chermin Carnes: Thank you. Really enjoyed this webinar!
01:13:18 JaDawn Wagstaff: wasn't what I expected, but right on time!
01:13:19 Ana Guerrero: Thank you!
01:13:21 Mark Phipps: Nice work today!!
01:13:22 Cindy Bryant: Thank you Le'Vada! Great information.
01:13:27 Alana Roberts: Thanks!
01:13:30 Leslie Texas: This was a great session! Thank you
01:13:32 India Puch: Great Job!!! very informational
01:13:34 Andrea Chew: Thank you!
01:13:36 Dana Rozman: Thanks from Milwaukee WI
01:13:37 Jackie Murawska: Thank you so much!
01:13:39 Angela Hunter: thank you
01:13:44 Patti Gawronski: Thank you!
01:13:45 Anupama Anand: thank you
01:13:45 tracey simmons: Thank you!!
01:13:48 Le'Vada Gray: Thank you for joining the conversation tonight and for your questions! Please continue the conversation on Twitter with me!
01:13:50 Noe Eugenio: Thank you so much!
01:13:59 Emily Kavanagh: Thanks for an informative presentation
01:14:03 Dianne Spencer: That was wonderful! Thank You!
01:14:14 Mark Phipps: HOW ABOUT DAY 50!
01:14:22 Mark Phipps: This was day 50, right?
01:14:32 Faith Peddie: @Mark, Day 50 was awesome!
01:14:34 Linda Koval: What a great way to get to the Day 50!
01:14:35 Trena Wilkerson: Awesome way to celebrate #50!
01:14:37 Justin Klinger: This was excellent. Thank you.
01:14:37 Dave Hankin: Thank you again from Globe, Arizona!
01:14:38 Barbara Lambert: Thank you so much. This will help me to be a better teacher to all of my students.
01:14:42 Angela Ruggeri: Thank you!
01:14:45 Leah Watson-Rodgers: Thank you Le'Vada and NCTM
01:14:45 Alison Snyder: Thank you!
01:14:46 David Barnes: YES! Day 50! Thanks all!
01:14:46 Kimberly Simpson: Thank You!!!
01:14:47 Tanya Landry: woot!
01:14:47 Kathy Felt: Thank you!
01:14:47 Dianne Spencer: YAY!!!
01:14:49 Sarah Parylak: thanks
01:14:50 Melissa Baker: Thank you!
01:14:51 Lisa Aldous: Thank you!
01:14:54 Trish Harris: So great!

01:14:55 Tonya McIntyre: Thank you this was wonderful!!!
01:14:55 Mary Truxaw: Thank you!
01:14:55 Rachelle Broggin: GREAT JOB!!!
01:14:56 Mark Phipps: *CLAPPING*
01:14:58 Guadalupe Alvidrez: Thank you La'Vada
01:14:59 Rebecca Mangum: Thank you!
01:15:00 Vicki Pace: Thanks!!!
01:15:00 Jessica Barrier: Thank you so much for an amazing training!!
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01:15:03 Fyniss Nixon: Thank you!!!!
01:15:05 Esther Winikoff: thank you!
01:15:06 Patricia Dabis: Excellent ideas
01:15:06 Valerie Vanderport: thank you!
01:15:07 Olga Kosheleva: Thank you !
01:15:07 Angela Hunter: clapping
01:15:08 Linda Koval: Again, thank you!
01:15:11 Susan Hall: Thank you!!!
01:15:14 Trish Harris: I just ordered 15 million bucks in books, thank you.
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01:15:15 Tonya McIntyre: Yes, you did a great job
01:15:16 Konnie Guthrie: Thank you.
01:15:19 Sheryl Joy Aloag: Thankyou
01:15:21 Mark Phipps: 50 for 50. This was great
01:15:22 Lisa Crawford: Thank you from Nashville
01:15:25 Lorie Huff: Thank you
01:15:28 Daniel Irving: Thank you for this incredible presentation!
01:15:33 Rachel Schaffer: Thank you!
01:15:37 Shauna Brown: What's ur ig
01:15:37 Linda Koval: Yes, inspired!
01:15:41 Susan Hall: Very inspiring!
01:15:47 Mark Phipps: I thought you were nervous, but did amazing anyways
01:15:49 suzanne righi: amazing!!!inspiring
01:15:50 Dianne Spencer: You did a great job!
01:16:10 Viragni Chand: Thank you for a great presentation.
01:16:10 Dave Hankin: Great presentation!
01:16:14 Angela Ruggeri: You did amazing! It was very educational!