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[Aug 1, 8:57 AM] Aimee Riley Jackson: I really like the idea of asking students to give the wrong answers. I think this will be interesting even for the young students I work with.

[Aug 1, 9:09 AM] Kim Dorrington: I agree it is a very interesting idea

[Aug 1, 9:32 AM] Guest1573: In right away today! YES!

[Aug 1, 9:32 AM] Nancy: woohoo its working!

[Aug 1, 9:33 AM] Margie Gray: Thanks! Woohoooo I am so excited!

[Aug 1, 9:33 AM] Guest1894: Hello!

[Aug 1, 9:33 AM] TeacherSarah Stolz: So this is my first time in the chat..... I'm wondering are we all listening to this at the same time, or at our own pace?

[Aug 1, 9:33 AM] Christina Tondevold: YAY!!! Seems to be working great today!!!

[Aug 1, 9:33 AM] TeacherSarah Stolz: Way to stick with it Christina!

[Aug 1, 9:33 AM] Christina Tondevold: Thanks, Saray!!

[Aug 1, 9:33 AM] Christina Tondevold: oops...Sarah

[Aug 1, 9:34 AM] TeacherSarah Stolz: Did you sleep last night at all?

[Aug 1, 9:34 AM] Tarsha: Yay!

[Aug 1, 9:34 AM] Margie Gray: Cute!

[Aug 1, 9:34 AM] Pam B: Hooray! Ready for today!

[Aug 1, 9:35 AM] LoveMiddleTeach: So excited to hear Dan's session :)

[Aug 1, 9:35 AM] Myra Collins: I have seen and heard Dan and am waiting to hear him again. Very excited.

[Aug 1, 9:35 AM] Christina Tondevold: I slept a little :)

[Aug 1, 9:36 AM] Rachel N: Christina your efforts are appreciated.

[Aug 1, 9:36 AM] Christina Tondevold: Thanks, Rachel!

[Aug 1, 9:37 AM] Jennifer Seegers Norman: The problem with these math problems is that the math isn't embedded in the real world application, it is stand alone

[Aug 1, 9:37 AM] Guest6837: I agree with Rachel N. This Summit is great, Christina!!

[Aug 1, 9:38 AM] Guest8956: So happy summit is working today.

[Aug 1, 9:38 AM] Margie Gray: Bringing things out in nature like that just MIGHT have some kids seeing some math in nature...

[Aug 1, 9:39 AM] Jennifer Seegers Norman: Still a disconnect

[Aug 1, 9:39 AM] mrbb321: Yay!!!!!! We're in!

[Aug 1, 9:39 AM] Toni Montgomery: I am interested in the same questions

[Aug 1, 9:41 AM] Guest2208: OMG! This textbook stuff is what I am struggling with!

[Aug 1, 9:42 AM] mrbb321: What? You're students aren't enthralled with math textbooks? ;)

[Aug 1, 9:47 AM] Toni Montgomery: The pressure of time and schedules.

[Aug 1, 9:48 AM] Guest296: To me, the circle/square graphic represents foundational knowledge and anxiety. As foundational knowledge strengthens, anxiety decreases. Without foundational knowledge, anxiety is heightened. I didn't see it in a mathematical context, but as related to the 'dial'. lol

[Aug 1, 9:49 AM] Mariaurora: It shows a relationship

[Aug 1, 9:52 AM] Toni Montgomery: What does the line represent?

[Aug 1, 9:54 AM] Pam B: Interesting concept to ask for wrong answers

[Aug 1, 9:55 AM] Pam B: 5, 35

[Aug 1, 9:55 AM] Nancy Bicknell: This is quite related to the notice and wonder strategy

[Aug 1, 9:56 AM] Erin Abee Wall: I just got on here. Are there handouts?

[Aug 1, 9:56 AM] Karen Schweitzer: @Erin - I don't think so

[Aug 1, 9:57 AM] Ivan Remus: It's where: $a=R^2 \cdot \pi$

[Aug 1, 9:57 AM] Julie Hutnick-Whitehead: are there notes from this one?

[Aug 1, 9:58 AM] Renee Bailey : Good morning

[Aug 1, 9:58 AM] Lesley: I didn't see the option for notes on this one. wonder why

[Aug 1, 9:58 AM] Christina Tondevold: No, there are no handouts. Dan doesn't distribute his slides.

[Aug 1, 10:00 AM] Guest1073: 22

[Aug 1, 10:03 AM] Visschinspired: He has me laughing out loud! He is so good!

[Aug 1, 10:03 AM] Christina Tondevold: :)

[Aug 1, 10:04 AM] Guest3041: We can encourage students to estimate and get around the right answer. What do we do when the curriculum demands one answer and the student is discouraged because they did not get it perfect?

[Aug 1, 10:04 AM] Guest3041: perfect*

[Aug 1, 10:06 AM] Jennifer Seegers Norman: I would say that the estimate is some of the prework of the problem. You should have a ballpark idea of your outcome so that you can measure the reasonability of your answer. This is when you take it a step further to verify through precision of mathematics. Our estimates also get better with more exposure.

[Aug 1, 10:12 AM] Guest2677: Re-doing the textbook myself, wow!! A LOT of time.

[Aug 1, 10:12 AM] Guest6837: Go back too just 3 shapes...lol!

[Aug 1, 10:13 AM] Guest6837: to

[Aug 1, 10:13 AM] mrbb321: I really like how he asks reflection questions often. It helps me think about how I'm approaching my instruction.

[Aug 1, 10:16 AM] Scorgo: S

[Aug 1, 10:17 AM] Scorgo: So many questions like this in grade 4

[Aug 1, 10:18 AM] Guest3041: Is it possible to do this with a story problem? Possibly just show them the graphic and then work to the problem and question.

[Aug 1, 10:19 AM] Scorgo: Love getting them to think mathematically as opposed to think of the correct answer

[Aug 1, 10:20 AM] Margie Gray: It stopped?

[Aug 1, 10:20 AM] LoveMiddleTeach: Is this video available to show to kids? Circle Square ?

[Aug 1, 10:20 AM] mrbb321: That's a good idea, @Guest3041 !

[Aug 1, 10:20 AM] Christina Tondevold: Margie, the video is still going

[Aug 1, 10:22 AM] Guest6837: This is the type video students should be able to see.

[Aug 1, 10:24 AM] zennedmath: Excited to get started in turning that Math Dial down! #VMS17

[Aug 1, 10:24 AM] Guest6525: Thank you! Lots to reflect on!

[Aug 1, 10:24 AM] Guest8956: Great ideas

[Aug 1, 10:25 AM] sjsoltau: Thank you!! This was great.

[Aug 1, 10:25 AM] Guest8956: I wish I had teachers like you.

[Aug 1, 10:26 AM] Julie Hutnick-Whitehead: Awesome presentation! I will be watching this one a second time I'm sure!

[Aug 1, 10:26 AM] Guest2208: Great points and helpful tips to work with the textbooks we are required to use.

[Aug 1, 10:26 AM] Guest9640: Best presentation so far - thank you! Lots to reflect on here...

[Aug 1, 10:26 AM] Scorgo: Thank you!!!!

[Aug 1, 10:27 AM] Guest1573: EXCELLENT! Thanks Dan. Can't wait to share the information with colleagues and eventually with students.

[Aug 1, 10:27 AM] Christina Tondevold: Don't forget to click the link at the end to get your certificate!

[Aug 1, 10:27 AM] Guest8006: Thank you

[Aug 1, 10:27 AM] Christina Tondevold: Thanks for attending!

[Aug 1, 10:27 AM] Guest2208: Thank you for all your efforts!

[Aug 1, 10:27 AM] Toni Montgomery: How do I get the certificate?

[Aug 1, 10:28 AM] Christina Tondevold: At the end of the video a link pops up.

[Aug 1, 10:28 AM] Toni Montgomery: Wonderful

[Aug 1, 10:28 AM] Visschinspired: Just pulled my son over and asked him about which one doesn't belong. I was so impressed with the multiple reasons (with some prompting) he kept coming up with and the vocabulary he was using. Proud mama! #teacherkidproblems

[Aug 1, 10:29 AM] Guest8956: No link for certificate as yet

[Aug 1, 10:32 AM] Elizabeth: I didn't see the links for yesterday's sessions for the certificates. Were they there?

[Aug 1, 10:33 AM] Jennifer Gibson: Thanks for sharing, Dan! Some great ideas to put into action.

[Aug 1, 10:37 AM] Christina Tondevold: Elizabeth, at the end of each video. A link appears on the screen that will take you to a page to request the certificates.

[Aug 1, 10:39 AM] Guest156: Great session! Loved it! Thanks Dan!

[Aug 1, 10:47 AM] Guest5552: were there handouts for this session? I am not finding a link for them...like yesterday's.

[Aug 1, 10:48 AM] Helena Trussler: I like the 'Fight' approach to increase student engagement.

[Aug 1, 10:49 AM] Christina Tondevold: No, there are no handouts for Dan's session

[Aug 1, 10:57 AM] Renee Bailey: Great session

[Aug 1, 11:00 AM] MathDiehls: Take the weight off! I love it

[Aug 1, 11:03 AM] Guest7763: how did you copy text book page to slide?

[Aug 1, 12:00 PM] martinsean: Take a photo of it?

[Aug 2, 9:10 AM] Guest9371: This was so helpful and I am so excited to lower the math dial setting at the beginning of my lessons to get my students thinking and engaged!

[Aug 2, 9:11 AM] Katy Spencer: I am too Guest9371!! This is fantastic!!!

[Aug 2, 1:31 PM] Guest4239: It has taken me 90 minutes to watch this. It keeps stopping and starting like the first day. i am only on 37 minutes.

[Aug 2, 1:32 PM] Guest4239: Started over now.

[Aug 2, 3:53 PM] Tricia: Dan, How did you delete the horizontal lines in the grade 4 graph without deleting the bars??? That was such a great idea but I don't know how it's possible!

[Aug 2, 4:20 PM] Crystal Copeland: What grade does this apply to?

[Aug 3, 4:41 PM] Amanda Varela Ruiz: Is there somewhere we can get those graphics for the circle and square?

[Aug 3, 5:13 PM] Guest6413: The circle and square is one of Dan's 3 Act Tasks. Search Dan Meyer Circle Square and it will come up.

[Aug 7, 10:35 PM] Jenny Numrich: I wonder if this is about similar scales?