

00:14:30 Claire Greer: NC

00:14:30 Craig Cullen: Craig Cullen - Illinois State University (Normal IL)

00:14:31 Doug Whitewolff: Doug - Portland Oregon

00:14:37 Angela Chung: Hello from New York

00:14:40 Arlene Crum: Hello from Tacoma, Washington

00:14:44 Heather Noe: Hello from MO! Columbia, MO, home of Mizzou!

00:14:46 Lawrence Ssebaggala: L. Ssebaggala, Dalton, GA

00:14:55 Bilge Cerezci: Hello from Chicago

00:15:04 W Tad Johnston: Hi from DC

00:15:08 Katherine Raiguel: Hello from Philadelphia, PA suburbs

00:15:18 Liza Bondurant: Hi from Mississippi

00:15:31 Michael Carlson: Good Evening from Phoenix, AZ

00:20:30 Jayme Lorenz: Craig and Lawrence's MTLT article (member-access only) <https://pubs.nctm.org/view/journals/mtlt/117/1/article-p32.xml>

00:25:37 Francesca Eckels: add 3

00:25:38 W Tad Johnston: add 3

00:25:41 Katherine Raiguel: +3

*2.5

00:25:44 Doug Whitewolff: multiply by 3 and subtract 1

00:25:44 Marc Hunter: Add 3 to a

00:25:48 Kim Servin: Multiply by $\frac{5}{2}$

00:25:50 Michael Carlson: Square it and add 1

00:25:54 Kaaren Sprague Meyer: Multiply by 3 subtract 1

00:25:54 W Tad Johnston: divide by $\frac{2}{5}$

00:25:54 Arlene Crum: multiply by 3 and decrease by 1

00:26:00 Tammy Jones: add 3 to a, square 2 and add 1, multiply a by 3 and subtract 1

00:26:02 Kenneth Jones: multiply by 6 and - 7

00:26:06 Catherine Mellen: times 2 plus 1

00:26:27 Arlene Crum: Nice thinking, Tad!

00:27:00 Dawn Barson: Multiply by 2.5

00:27:14 W Tad Johnston: Thanks Arlene! Maybe unexpected student brilliance.

00:28:36 Marc Hunter: 1. Multiply a by 2 and add 1

00:28:52 Alix Duggins: 2. Multiply by 3 and subtract 1

00:28:56 Marc Hunter: 2. Multiply a by 3 and subtract 1

00:28:57 Kerry Lindo: 2. multiply by 3, -1

00:29:07 Kaaren Sprague Meyer: 3. Multiply by 3 and subtract 3

00:29:18 Marc Hunter: 3. Add 11 to a

00:29:22 Arlene Crum: for 1 & 2 multiply by 3 then subtract 1, but for #3, subtract 1 THEN multiply by 3

00:29:24 Dawn Barson: $5 \times 2 + 4$

00:29:41 Kerry Lindo: 3.multiply by 2, add 4

00:30:24 Arlene Crum: Sorry!

00:30:28 Marc Hunter: Multiply by 3 and subtract 1

00:30:30 Margaret Williams: Multiply by 3 and subtract 1

00:30:38 Kenneth Jones: $x^3 - 1$

00:30:39 Kaaren Sprague Meyer: Multiply by 3, subtract 1

00:32:29 W Tad Johnston: Great example of being careful with stating lesson objectives/goals/purpose/standards in advance.

00:33:35 Sharyn Livy: What if a student says x^6 divided by 2 take 1

00:33:57 Marc Hunter: Once I decided what worked for the first one, I used the numbers in 2 to see if the rule worked for it as well

00:34:22 W Tad Johnston: difference I a is 3, b difference is 9 so multiplier is 3

00:34:33 Arlene Crum: Different rules, but they are actually different forms of the same expression.

00:35:01 W Tad Johnston: common differences

00:35:35 Doug Whitewolff: If given these two together I'd notice that multiplying a by 3 is pretty close to b.

00:35:44 Marc Hunter: This also helps students develop/build mathematical language

00:41:38 Sherri Martinie: Thank you Craig and Lawrence!!

00:41:44 Karen Jones: Thank you! Sorry I came in late was in a meeting.

00:42:06 Jayme Lorenz:

<https://pubs.nctm.org/view/journals/mtlt/117/1/article-p32.xml>

00:42:12 Tammy Jones: thanks

00:42:13 Kaaren Sprague Meyer: Thank you!

00:42:14 Latrenda Knighten (she/her): Thanks so much for sharing!

00:42:33 Kevin Dykema: Thanks for sharing!

00:42:44 Kevin Dykema: Thanks to the attendees for coming and learning!

00:43:09 Kenneth Jones: Thank you.

00:43:35 Craig Cullen: Thanks so much for join us tonight everyone!

00:43:47 W Tad Johnston: Interesting that $(5-2) = 3$ and the slope is 3. Would 2 and 6 have avoided that reasoning (the multiplier is the difference in the two a values)?

00:44:39 Ken Krehbiel: Thank you all!

00:44:46 Kristen Hayden: Thank you so much

00:44:47 Lawrence Ssebagala: Thank you all for coming and listening to us

00:45:03 Shahibul Ahyar: Thank you.

Greeting from Indonesia

00:45:39 Angela Chung: Thank you.

00:45:46 Catherine Mellen: thank you!