# Connecting Student Work to the Goals of the Lesson- Part 1 

| EMILY: | I focused using Stage 4, and I just kind of cut that in half, and then did that. <br> And then I noticed that if you add all the whole ones up, you're going to get 6. <br> And then if you combine these two, you're going to get 7, and then you <br> combine those three, you're going to get 8 . And then you take half of what the <br> stage number is, which is going to be 2, and then you're going to add it to that, <br> and then you get 10. And that's what stage 4 comes up to. |
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| TEACHER: | No no, Stage 4-- |

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STUDENT: $2 x$ squared, so divide by [INAUDIBLE] x. 2 is [? 4 ?] divided by 2 plus $1 / 2$ times 2 , so this will be 4 divided by 2 equals to 2 , right? Then $1 / 2$ times 2 equals to 1 .


[^0]:    Retrieved from the companion website for The Five Practices in Practice: Successfully Orchestrating Mathematics Discussions in Your High School Classroom by Margaret (Peg) Smith, Michael Steele, and Miriam Gamoran Sherin. Thousand Oaks, CA: Corwin, www.corwin.com. Copyright © 2020 by Corwin Press, Inc. All rights reserved. Reproduction authorized for educational use by educators, local school sites, and/or noncommercial or nonprofit entities that have purchased the book.

