## Following Up With Students

| EMILY: | What I did is added the whole ones that we had after I split it in half. So right <br> here is six. And then if you added those two together, you'd get seven, and <br> then those two would be eight. And then you have to add whatever half of the <br> stage number is, so that's two. And then you get the 10, which is what it came <br> to. Yeah, and then he can explain, like, how he came up with-- |
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| MICKI: | So how did you-- because I figured it out a different way. |
| AIDAN: | Because I wanted to plug in, like, a big [INAUDIBLE] equation, so they can <br> actually see if, like, [INAUDIBLE] like in these. So I just did, like, length <br> times width, which was-- so we did, like, stage [INAUDIBLE].. So length <br> times width, which is eight times time two. |
| MICKI: | OK. |
| TEACHER: | This is for stage eight? |
| AIDAN: | Yeah. I was just trying to explain, like, stage eight. |
| TEACHER: | OK. |
| AIDAN: | Just for an example. |
| TEACHER: | OK. |
| AIDAN: | So we just did eight times eight, which was 64, and then divided by two <br> which got to 32. And then we took x is, like, the stage number. So we took the <br> stage number, and then basically divided it by two I guess, which was four, <br> and then added it to 32, which we got was 36. |
| TEACHER: | OK. So if you just know stage four, how could you connect stage four to your <br> figure? If you just know your stage four, how could you connect stage four to <br> your figure? |
| like-- |  |

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[^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.

