Mathematical Practice Virtual Professional Learning Series
Math Practice 6: Attend to Precision Facilitation Guide

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Intended Use
This facilitation guide is intended to be used by educators when viewing the voice-over recording of Math Practice 6: Attend to Precision. Districts and schools are encouraged to use this resource as part of a professional learning series that covers all 8 of the Standards for Mathematical Practice.

Viewing the recordings of the Math Practice sessions can be done in any order. To get the full benefit of the professional learning series, educators should engage in the tasks and participate in local discussions on the Mathematical Practice. Therefore, viewing the professional learning series in small groups is encouraged over individuals watching it in isolation.

Reproducing the Facilitation Guide
Please credit the Ohio Department of Education if making copies of any portion of this facilitation guide or accompanying PowerPoint presentation.

During Facilitation: Discussion Questions
For each discussion question(s), pause the recording and facilitate a group discussion.

Discussion Question
PowerPoint Slide 9: Jam Board Activity
1. What comes to your mind when you think about MP 6: Attend to Precision?

Discussion Questions
PowerPoint Slide 27: Look at Tasks That Promote MP 6 in slides 13-26
1. What do you notice?
2. What do you wonder?
3. What commonalities are evident across the tasks?
4. What are the differences across the tasks?
5. Where in the task are there opportunities for students to show their understanding of MP 6?

Discussion Questions
PowerPoint Slide 30: Accuracy vs. Precision Video
1. Is it better to be accurate or precise? Defend your reasoning.

Discussion Questions
PowerPoint Slide 38: Explore the resources for MP 6 on slides 33-37
1. What do you think of when MP 6?
2. What do you think Math Practice 6: Attend to Precision means or looks like at your grade level/course?
Resource Links
Ohio Department of Education Documents
- Standards for Mathematical Practice
- Kindergarten-Grade 5
- Grades 6-8
- High School

University of Arizona Progressions
- Standards for Mathematical Practice: Commentary and Elaborations for K-5
- Standards for Mathematical Practice: Commentary and Elaborations for 6-8

Other National Resources
- Inside Mathematics
- Illustrative Mathematics
- Robert Kaplinsky: Math CCSS Math Practices Readable

References


Conversation Notes: