Overview of Session 10

- Engaging in a video workshop
- Considering video workshop beyond the module

10.1a

Video workshop

- Focus questions:
  - What kinds of reasoning do you see students engaged in during this video segment?
  - What representations, examples, mathematical language, or definitions are students drawing on as they explain and engage with ideas shared by peers?
  - Which mathematical practices do you see being supported?
- Debrief the video workshop process in your small groups, considering the questions on the agenda.

10.2a

Video workshop agenda

- Before viewing: Set the context for the video
- During viewing: View the video with the focus questions in mind
- After viewing:
  - Discuss the focus questions
  - Debrief the workshop process

10.2b

Between video reflection question: Teaching practices

How did the video workshop support your thinking about the following teaching practices?

- Establishing an environment that supports reasoning
- Scaling problems
- Making reasoning and practices explicit

10.2c

Between video reflection question: Mathematics

How did the video workshop support your thinking about mathematical practices such as reasoning?

10.2d

Between video reflection question: Student thinking

Share an example of student thinking from the video workshop and the ways in which it made you wonder or expanded your thinking.

10.2e

Reflecting on the video workshops

- What have you learned over the four video workshops?
  - About your own teaching?
  - About your students' thinking?
- What are the challenges and benefits of the video workshop process?

10.3a

Video workshops: Moving forward

In each video workshop debrief, we have talked about:
- Understanding the process
- Analyzing teaching and learning
- Building productive norms

- What tips would you give to someone trying to collect video or work samples that would support improvement in their teaching?
- What tips would you give to someone trying video workshop with colleagues?

10.3b

Continuing video workshop work

- Tips for continuing video workshops
- Video recording tips
- Sample agenda
- Sample conversation starters

10.3c

Summary

Now that you have completed the module, capitalize on what you have learned by:

1. Engaging in mathematical reasoning and mathematical practices to support one's own learning of mathematics and use as a resource in teaching
2. Supporting reasoning through teaching practices such as establishing an environment that supports reasoning, scaling problems, making reasoning and practices explicit
3. Using understandings of the ways in which students reason to explicitly and meaningfully support their learning
4. Engaging in video workshop with your colleagues to learn from and improve your own teaching

10.4a