# Supporting Reasoning and Explanations in Elementary Mathematics Teaching **Session 7 Resource**

## **Handout: Video Workshop Agenda**

#### 1) Set context for video (5 minutes)

The sharer will:

- Situate the viewing by providing context for the video:
  - Grade, task, and lesson goals
  - Routines that appear in the clip that may be unfamiliar to colleagues
  - Description of what happened immediately before the clip
- Provide and quickly describe documents that will support the understanding of what is happening
  in the video (e.g., copies of student work, transcript, etc.)
- Zoom in on the focus questions that guided the selection of the video clip

#### 2) View video with the focus questions in mind (5 minutes)

Focus questions:

- What conjectures do students share related to the problem?
- How do students justify their conjectures (logic, language, representations, etc.)?
- What teaching moves are being used to support students' engagement in reasoning or the mathematical practices?

During the video:

 Jot down a few notes that will serve as reminders about places in the video where student thinking or the mathematics seems interesting

### 3) Discuss the focus questions (20 minutes)

In the discussion, make sure to:

- Connect with instances from the video that are relevant to the focus questions
- Attend closely to talk, student thinking, teachers' moves and comments
- Offer details from the video and provide evidence