

Representing and Comparing Fractions in Elementary Mathematics Teaching **Session 6 Resource**

Handout: Session 6, part 5

Session Plan Excerpt:

)-7:15 min)	Representations of 3/4 Goals: to learn more about where participants are	slide with potential representations of 3/4. Slide #5-6 Talk through the task, perhaps modeling working through one of the	See whiteboard plan for this section and the next. The plan will attend to what goes where on the whiteboard: topic written at the top, key ideas like "equal partitioning,"
Whole group individual		To set some norms about how to talk about mathematics and listen to others' reasoning;	representations. For each representation: Could this be a representation of 3/4? If yes, explain how it could be a representation of 3/4. Working definition of fraction in the space in the middle for people to it ways of thinking about particular	, .
	•	To set expectations about representation, talking, reasoning, questioning, revising	If not, explain why it could not be a representation for 3/4. Participants work independently: recording their thinking about each representation with respect to the numerical prompt of 3/4	representations. 1 See
		To notice key aspects of fractions across representations	Ask participants to share their thinking on the connection between particular representations and ¾. During the discussion note key traits of fractions such as attending to the whole and equal partitioning. Work through a few with participants coming to the board to show and talk about their thinking.	
		Goal is not to resolve all of the representations. May want to return to these later in the sessions or work through them in "homework"		



Representing and Comparing Fractions in Elementary Mathematics Teaching **Session 6 Resource**

Public Space Layout:

