

Figure 2.14

Learning About the Mathematical Practices Lesson-Planning Tool

Directions: Closely examine the Mathematical Practices lesson-planning tool (figure 2.13, pages 91–92). In your collaborative team, discuss how you can use the lesson-planning tool to help your current efforts to plan mathematics lessons for your grade level.

1. What are important factors to consider when planning lessons for an in-class formative assessment process?
2. How can you use the Mathematical Practices lesson-planning tool's assessing and advancing questions to facilitate small-group student-to-student discourse and differentiate learning around the higher-level-cognitive-demand mathematical tasks you use during the lesson?
3. How does the Mathematical Practices lesson-planning tool support the elements of your lesson—both the learning standards and the Mathematical Practices?
4. How will each mathematical task you choose for the lesson ensure students will be actively engaged in the mathematics?
5. Consider your start-of-lesson and end-of-lesson routines. How do these routines connect to the learning objectives of your lesson?