

Lesson 3 Teaching Portal Materials

Episode Supports

Episode 4: Repeating Your Reasoning

Episode Descriptions: Kate and Christopher draw a diagram to show why traveling 15 miles in 6 minutes is the same speed as going 10 miles in 4 minutes.

Focus Questions: For use in a classroom, pause the video and ask these questions:

1. [Pause video at **0:27**] What have you just been asked to do? Carefully draw and label your diagrams.
2. [Pause video at **1:25**] Where would half the time be in the diagram?

Supporting Dialogue: When engaging in the tasks in class, invite your students to consider the varied student work in the room by considering the student diagrams from Focus Question #1:

- As students build their own diagrams, find two different ways that the students are expressing their ideas and ask the students if they would be willing to share their work with the class.
- As students share their work, ask another student in the classroom to compare what they heard. For example: “Can someone say how Katrina’s and Sahithy’s diagrams are different? How are they similar?”

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