

Lesson 2 Teaching Portal Materials

Episode Supports

Episode 3: Repeating Your Reasoning

Episode Descriptions: The students continue their work from Episode 2 by looking for more distance and time values that will make the red car go the same speed as the blue car.

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

1. [Pause video at **0:39**] What are you going to do? How will you know that the combinations of distance and time amounts that you chose work or do not work?
2. [Pause video at **2:29**] Compare your table entries with Kate and Christopher's. What is similar? What is different?

Supporting Dialogue: Support students' ability to attend to the mathematical claims of others by asking them to:

- Share their responses to Focus Question #2 by contributing both combinations of values for distance and time that worked and those that did not work, so the class can begin to construct a shared table.
- Contribute one claim at a time to the class table. Then ask the class who else had the same claim. Then ask the students to share another new claim with the class.

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