

Lesson 5 Teaching Portal Materials

Episode Supports

Episode 1: Making Sense

Episode Descriptions: Kate and Christopher compare two different ways of reasoning — multiplicative reasoning and additive reasoning.

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

1. [Pause video at **1:56**] Christopher says, "It is just adding 6." 6 what? What is the 6 being added to?
2. [Pause video at **2:45**] Kate said "hoping." Christopher says he heard 4 miles for every 3 minutes. How would you revoice Kate's observation?

Supporting Dialogue: When engaging in the tasks in class, invite your students to attend to and critique the strategies of others:

- Pause the video at **3:19**. Kate and Christopher just said that both solutions might work. Talk with your neighbor about that. Can both solutions work?
- Resume watching the video through **4:03**. Work with a neighbor to create an argument to explain why one way worked and one way did not work. Prepare to share your thinking with the class.

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