

Lesson 7 Teaching Portal Materials

Episode Supports

Episode 3: Exploring

Episode Descriptions: Christopher and Kate draw a diagram to find the amount of white paint to mix with a given amount red paint to match a certain shade of pink. They develop a new way of thinking about the problem by forming a multiplicative comparison between the amount of white and red paint in a batch of paint.

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

1. [Pause video at **1:20**] Can someone revoice Kate's strategy? Who think it will work? Who thinks it will not work?
2. [Pause video at **2:52**] Can someone revoice Kate's idea about 3 fitting into there? 3 what into what? Can you come up to the video display to show what you mean?

Supporting Dialogue: Allow students the opportunity to revoice others' ideas by asking students to:

- Stop the video at **4:20**. Ask students to talk to a neighbor about Kate and Christopher's idea, striving for precise language. Invite the students to prepare their observations to share with the class.
- When students share, ask another student to revoice what they heard by asking: Who can revoice what Natalie just shared?

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