

Lesson 7 Teaching Portal Materials

Episode Supports

Episode 2: Exploring

Episode Descriptions: The students test several methods to make a batch of paint that is the same shade of pink as a batch with 4.5 ounces of white paint and 1.5 ounces of red paint.

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

1. [Pause video at **1:36**] Can someone revoice Kate's strategy to make a second batch of paint that is the same shade of pink as the first batch?
2. [Pause video at **2:29**] Christopher says that he is quadrupling. What is he quadrupling?

Supporting Dialogue: Allow students the opportunity to build on the ideas of other.

- Ask students to work with a neighbor to continue to make a table of values of white and red paint that makes a batch that is same shade of pink as a batch of paint with 1.5 ounces of red paint and 4.5 ounces of white paint.
- Ask students to share their additional solutions. Ask students to share their strategies for determining a batch of paint that is the same shade of pink. Ask the other students if they had the same idea. Then ask the students if anyone has a different solution to add. Repeat this process until students have shared their varied solutions.

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