

Lesson 7 Teaching Portal Materials

Episode Supports

Episode 1: Making Sense

Episode Descriptions: Kate and Christopher make sense of a new applet called Making Pink Paint. They enter different amounts of white and red paint for two batches of paint and compare the shades of pink.

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

1. [Pause video at **1:35**] How does the applet work? What are the units used in the applet?
2. [Pause video at **2:02**] Christopher is about to see if his two batches of paint will be the same shade of pink. Who thinks the two batches of paint will be the same shade of pink? Who thinks the batches will be different shades of pink?

Supporting Dialogue: Allow students the opportunity to attend the quantities represented in a math problem.

- Ask students to work with a neighbor to name all the quantities that are represented in this applet. Encourage students to list at least six different quantities.
- Ask students to share the quantities that they noticed. Ask the other students if noticed the same quantity. Then ask the students if someone noticed a different quantity. Repeat this process until the class has shared all the different quantities that they noticed.

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