

Lesson 6 Teaching Portal Materials

Episode Supports

Episode 3: Exploring

Episode Descriptions: The students consider a proportional reasoning problem by first anticipating how many groups of a one car’s journey fit into another car’s journey.

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

1. [Pause video at **0:58**] Kate said, "There is 10 in both of them." Ten what? The teacher said, "How many groups?" Groups of what?
2. [Pause video at **1:51**] What are the units for each number in the two equations?

Supporting Dialogue: When engaging in the tasks in class, invite your students to attend the quantities in a problem by asking them:

- In this problem, 4 is a number that enumerates a quantity, the time it takes for the blue car to finish a 10-mile journey. Work with your neighbor to make a list of all the different quantities in this problem.
- Ask students to share a quantity that they noticed. Ask who else has this quantity on their list. Ask if a student has another different quantity to add to the class list. Continue this process until there are no more new student contributions.

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