

Read Velocity Data: Apply and Create



Use the matching sheet ID when checking answers.

Use what you learned to explain, construct or apply an idea.

1. What does slope in a velocity-time graph represent?

Look for:

- Gives the correct quantity and relationship.

One possible response: Acceleration: change in velocity per unit time.

2. Why must the prediction state that acceleration continues?

Look for:

- States the model assumption.

One possible response: The earlier data alone do not guarantee future motion.

Open responses use criteria and an illustrative response. Other well-supported responses can be acceptable.