

## SECTION

## 2

## Reinforcement

## Acceleration

**Directions:** Answer the following questions on the lines provided.

1. What is acceleration?

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2. When is an object accelerating?

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3. What is the difference between positive and negative acceleration?

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4. State in words how acceleration is calculated.

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5. Give two ways the unit for acceleration can be written.

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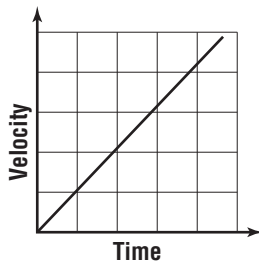
6. What does the slope of a velocity-time graph indicate?

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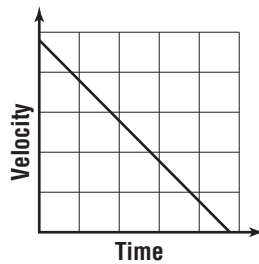
7. An inline skater traveling in a straight line goes from 3 m/s to 9 m/s in 3 s. What is the acceleration?

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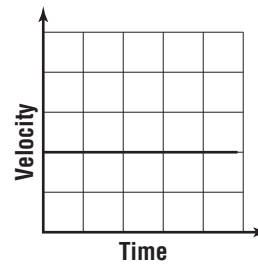
**Directions:** On the lines provided, indicate what kind of acceleration is shown in the following graphs.



8.



9.



10.

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_