

Ramp Races Review

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Understanding Motion and Forces

Name: _____

Date: _____

Answer the following questions about gravity and ramps based on what you learned in the Ramp Races lesson.

1. Gravity pulls things toward the ____ of the Earth.

2. What happens when we make our ramp steeper?

- A. The car goes slower
- B. The car goes faster
- C. The car stops moving

3. How does gravity help things move?

4. Steeper slopes make objects move slower.

- True False

5. God's wisdom is shown in how he designed the laws of ____ and gravity.

6. What did we use to measure how far the cars traveled?

- A. A ruler
- B. A scale
- C. A stopwatch

7. What did you think would happen if the ramp was higher?

8. Gravity is a force that pushes things away from the Earth.

- True False

9. When we race toy cars, gravity helps them ____ down the ramp.

10. Which object did we race down the ramps?

- A. Balls
- B. Toy cars
- C. Blocks

Answer Key

1. center 2. The car goes faster 3. It pulls objects downwards, making them slide or roll. 4. False 5. motion 6. A ruler 7. I thought the car would go farther. 8. False 9. roll 10. Toy cars