

# Ramp Races Review

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## Understanding Speed and Height

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the questions about what we learned in our Ramp Races lesson.

- Higher ramps give objects more \_\_\_\_ to move.
- Steeper ramps make things go slower.  
 True     False
- What happens when the ramp's height is increased?
  - The car goes slower
  - The car goes faster
  - The car stops
- Why does a taller ramp give more energy to the car?  
\_\_\_\_\_  
\_\_\_\_\_

- Draw a line to match the ramp height with the speed of the car.

Tall Ramp

Fast Speed

Short Ramp

Slow Speed

- What can we use to measure how fast a car goes? Circle the correct answer.

A ruler

A stopwatch

A scale

- We can compare speeds of cars on different ramps.

True

False

- Whatever you do, work \_\_\_\_ as for the Lord.

- Which ramp made the car go fastest?

- The tallest ramp
- The shortest ramp
- The middle ramp

- What do you think will happen if we make the ramp taller?  
\_\_\_\_\_  
\_\_\_\_\_

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### Answer Key

1. energy    2. False    3. The car goes faster    4. Because it starts higher up.    5. 0,1    6. 1    7. True    8. heartily    9. The tallest ramp    10. The car will go faster.