

Ramps and Motion Review

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Understanding How Ramps Work

Name: _____

Date: _____

Answer the questions below about ramps and how they affect movement.

1. What happened when the ramp was higher? Circle the correct answer.

Objects went slower

Objects went faster

Objects did not move

2. Higher ramps make things go faster.

True

False

3. We can measure how far things ____ when they roll down the ramp.

4. Draw a line from the ramp height to its effect on movement.

Higher Ramp

Rolls faster

Lower Ramp

Rolls slower

5. Which object rolled the farthest? Circle the correct answer.

A ball

A feather

A piece of paper

6. God guides our path, just like we experiment with how things ____ on ramps.

7. Objects travel further from lower ramps.

True

False

8. What do you think will happen if we make the ramp taller?

9. Can you guess which object might roll the farthest? Circle the correct answer.

A toy car

A rock

A paperclip

10. A man's heart plans his way, but ____ directs his steps.

Answer Key

1. Objects went faster 2. True 3. roll 4. Higher Ramp rolls faster 5. A ball 6. move 7. False 8. The object will go faster and roll farther. 9. A toy car 10. Yahweh