

# Which Rolls Fastest?

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## Understanding Motion and Ramps

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

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

Answer the questions about how different objects move on a ramp.

1. What object rolled the fastest down the ramp? Circle the correct answer.

A ball

A block

A toy car

2. Smooth objects often move more quickly on a ramp.

True

False

3. When you run, you will not \_\_\_\_\_. (Proverbs 4:12)

4. Draw a line from each object to how it moves.

Ball

Rolls fast

Block

Rolls slower

Toy car

Rolls quickly

5. What do we use to see which object moves fastest? Circle the correct answer.

Ramp

Table

Wall

6. Different objects move at the same speed on a ramp.

True

False

7. The shape of an object affects how it \_\_\_\_.

8. What did you notice about how things moved?

9. God helps us move forward in life without obstacles.

True

False

10. What did you think would roll the fastest? Circle the correct answer.

A heavy object

A light object

A smooth object

### Answer Key

1. A ball 2. True 3. stumble 4. [0, 1, 2] 5. Ramp 6. False 7. moves 8. Some things rolled faster than others. 9. True 10. A smooth object