

# Forces and Motion Olympics Review

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## Understanding Forces and Motion

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

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

Answer the following questions based on what you learned about forces, motion, and God's design in creation.

1. What is one force that makes things stop or slow down?

- A. Gravity
- B. Friction
- C. Magnetism

2. Forces can make objects \_\_\_\_ or stop.

3. How do different surfaces affect motion?

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4. Match the force to its description.

Gravity

Pulls objects towards each other

Friction

Slows down moving objects

5. What does Colossians 1:17 say about God and creation?

- A. God created everything
- B. God holds all things together
- C. God made the forces

6. Forces can be a \_\_\_\_ or a pull.

7. What surprised you the most about how things move?

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8. Which of these is an example of a force in nature?

- A. Wind
- B. Water
- C. Sunlight

9. In God's creation, forces help keep all things \_\_\_\_ together.

10. How do you think forces show God's careful design?

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### Answer Key

1. Friction 2. move 3. Different surfaces create different amounts of friction, affecting how fast or slow things move. 4. Pulls objects towards each other 5. God holds all things together 6. push 7. I was surprised that some things move faster on smooth surfaces than on rough ones. 8. Wind 9. together 10. Forces show God's careful design because they help us understand how everything works together perfectly.