Name _____

## The Surprising World of Newton's Third Law

**Short Answer**

1. Explain the concept of action and reaction forces with an everyday example not mentioned in the passage.

2. How does Newton's third law contribute to the safety of passengers in a car during a sudden stop or collision?

3. Provide an example from nature or space where Newton's third law is evident, and describe the action and reaction forces involved.

4. Describe a simple experiment that demonstrates Newton's third law of motion using household materials.

5. In what other areas of science or technology do you think the principles of Newton's third law might be applicable?

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