

Name \_\_\_\_\_

## The Forces Around Us

### Short Answer

1. Provide an example of a contact force and explain how it works.
2. Describe one real-life application of the electromagnetic force.
3. What happens when forces acting on an object are balanced, and what happens when they are unbalanced?
4. How does the weak nuclear force differ from the other fundamental forces?
5. Explain the role of the strong nuclear force in the stability of an atom's nucleus.

