

Name \_\_\_\_\_

## Harnessing the Magic: How Magnets Generate Electricity

### Short Answer

1. Explain the role of electromagnetic induction in generating electricity with magnets.
2. Describe an everyday device that uses magnets to generate electricity and how it functions.
3. What are some examples of renewable energy sources that rely on magnets to generate electricity?
4. Discuss one way in which miniaturization of generators can benefit society.
5. Why is sustainability an important consideration in the development of materials for magnets and generators?

