

# Invisible Lines: Magnetic Fields Review

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## Understanding Magnetism and God's Design

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

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

Answer the following questions based on what you learned about magnetic fields.

1. What do magnetic fields surround?

- A. Electric currents
- B. Magnets
- C. Metals

2. Magnetic fields are invisible lines of \_\_\_\_ that extend around magnets.

3. What did the iron filings show us about magnetic fields?

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4. Which of these describes a magnetic field?

- A. A visible line
- B. An invisible force
- C. A solid object

5. Match the term to its description.

Magnetic field

Show patterns of magnetic fields

Iron filings

Invisible lines of force

6. God's creative power works in ways we cannot always \_\_\_\_ but can observe through science.

7. How might magnetic fields be like God's invisible love?

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8. Magnetic fields can only be seen with the naked eye.

- True       False

9. According to Hebrews 11:3, what has been made from things that are not visible?

- A. The earth
- B. The universe
- C. The sky

10. What other invisible forces do you know about?

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### Answer Key

1. Magnets   2. force   3. They showed the pattern of the magnetic fields around a magnet.   4. An invisible force   5. Invisible lines of force   6. see   7. Like magnetic fields, God's love is powerful and surrounds us even if we can't see it.   8. False   9. The universe   10. Examples include gravity and air pressure.