



Name: Form:

Based on pages 20 and 21 of *Springs and magnets*

Magnets and iron filings

Try this...

1. Take a container which has iron filings in it.
2. Bring one end of the magnet close to the container and in box A draw what happens to the iron filings.
3. Move the end of the magnet over the surface of the container.

A

4. Describe what happens to the iron filings as you move the magnet.



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5. Lay the magnet under the container and in box B draw how the iron filings arrange themselves.

B

6. Put two magnets with their N ends or S ends close together.

7. Put the container of iron filings over the ends of the magnets.

8. What happens to the iron filings?



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9. Place the two magnets so that the N end of one is close to the S end of the other.

10. Put the container of iron filings over the ends of the magnets.

11. What happens to the iron filings?



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