



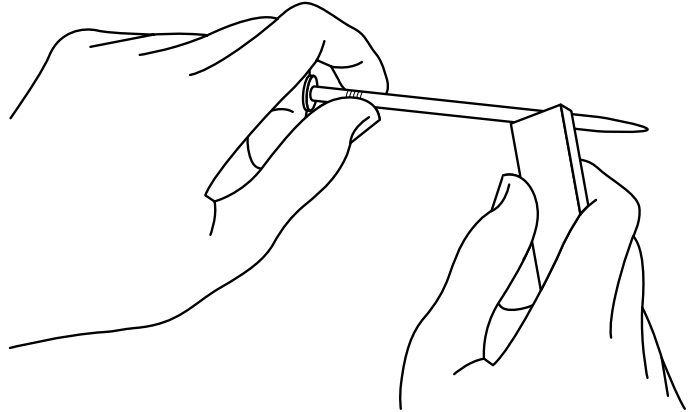
Name: Form:

See pages 16 and 17 of *Springs and magnets*

Making magnets

You can make a magnet – but you have to work hard.

Q1. (i) The picture shows a nail being made into a magnet. Draw in an arrow to show how the magnet is moved over the nail.



(ii) What must the person do to turn the other end of the nail into a magnet?



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Q2. What is a magnet called that does not lose its magnetism?



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Q3. What kind of metal objects can be picked up by any kind of magnet?



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Q4. When a paperclip is hung from a magnet, what does the paperclip become?



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Q5. (i) Imagine four paperclips are hanging in a line from a magnet. If the bottom paperclip is taken off, what happens to the other three?



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(ii) If the top paperclip is taken off, what happens to the others? Explain your answer.



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