Magnets: which materials are magnetic?

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Name _____ Date _____

Object	Made of (guess)	Prediction	Result	Metal?
paper clip				
coin				
key				
metal spoon				
pencil				
eraser				
sock				
food tin				

Conclusion: is every metal magnetic? Use two results as evidence.

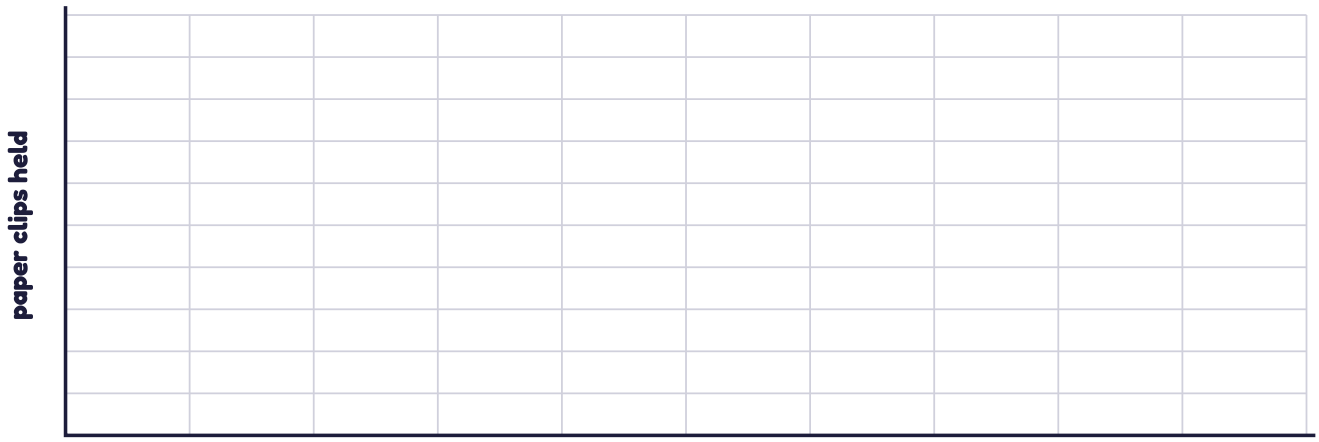
Prediction and result: write M for magnetic or N for not magnetic.

How strong is our magnet?

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Hang paper clips in a chain from the magnet. Put sheets of paper between them. How many clips hold on?

Sheets of paper	Try 1	Try 2	Try 3	Typical
0				
2				
4				
6				
8				
10				



Poles: push two bar magnets together. Tick what happens.

Ends together	Pull together (attract)	Push apart (repel)
north + north	☐	☐
north + south	☐	☐
south + south	☐	☐

Keep the same magnet, the same clips and the same paper. Change only the number of sheets.