

Nova's Magnetic Discovery

Learning objective: To identify magnetic materials and understand how magnets interact.

Use the words in the word bank to help you answer the questions. Look at the pictures to help you think about how magnets pull and push.

Word bank: attract · repel · metal · iron · poles

1. Nova has a magnet. Which of these materials will the magnet stick to? Circle the correct one: Wood, Plastic, Iron, Rubber. (1 mark)

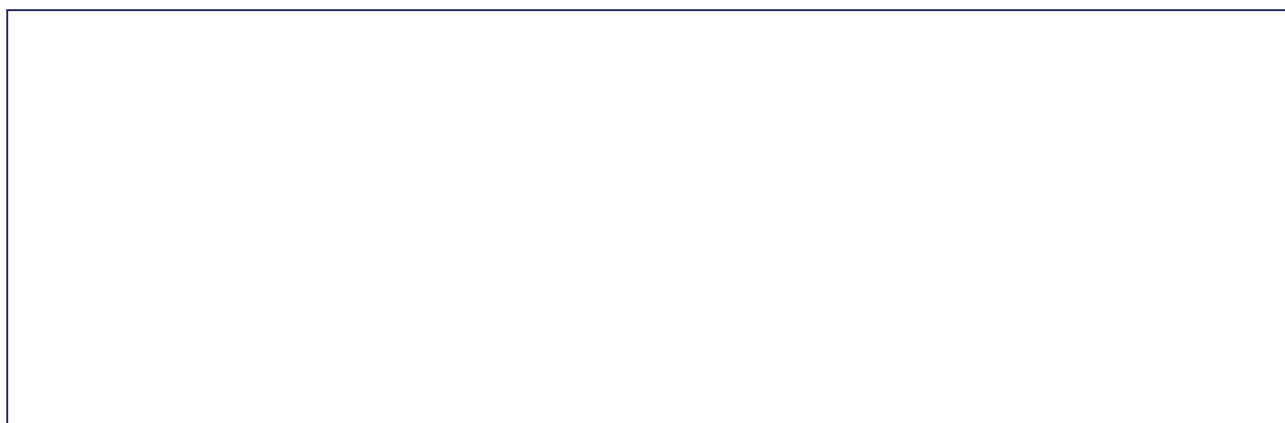
2. When two magnets push each other away, we say they _____ each other. (Hint: Use a word from the word bank). (1 mark)

3. When two magnets pull towards each other, we say they _____ each other. (1 mark)

4. Every magnet has two ends. What are these ends called? (1 mark)

5. If you have a pile of coins, paperclips, and feathers, which two items would a magnet pick up? Explain why. (2 marks)

Draw: Draw a picture of a magnet picking up a paperclip. Label the two ends of the magnet as 'North' and 'South'.



Extension challenge: Nova wants to find magnetic items in your classroom. Can you write a list of three things you think a magnet would stick to?