

Name: _____ Date: _____

Fun with Magnets

Q1. Draw the diagram of
(a) Bar Magnet (b) Horse-shoe Magnet

Ans.

Bar Magnet	Horse-shoe Magnet

Q2. Draw a diagram of a magnetic compass.

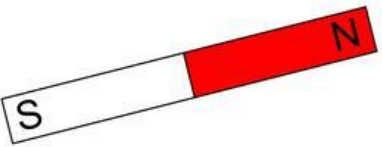
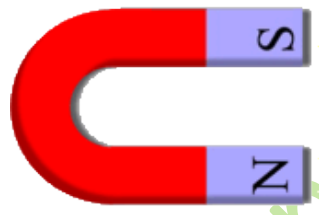
Ans.

Q3. A boy has two rods. How can he identify which one is a magnet?

Ans.

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Ans. Through the following activity he can identify which rod is a magnet.

Take both rod and suspend freely with the help of thread. Now, bring one end of a bar magnet close to both the ends of the suspended rods one by one. If it shows attraction at both the ends then it is an iron rod. If it shows attraction at one end and repulsion at the other end, then it is a bar magnet.