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NCERT Class VI Science Solutions: Chapter 13 – Fun with Magnets Part 2

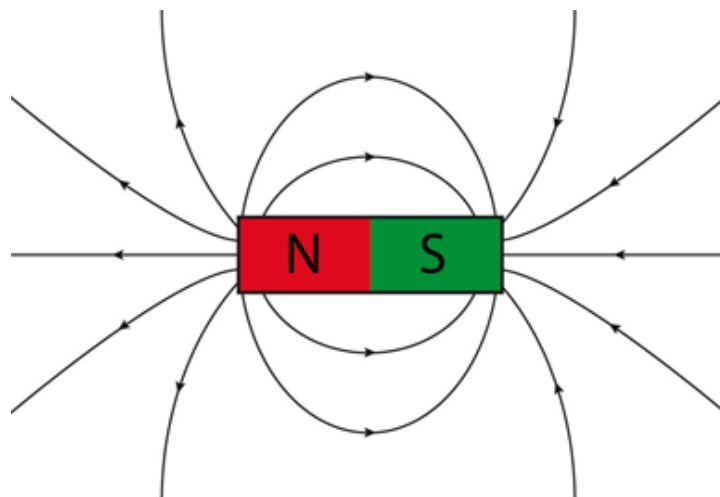
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Question 4:

North Pole of a magnet can be identified by

1. Another magnet having its poles marked as North Pole and South Pole.
2. Another magnet no matter whether the poles are marked or not.
3. Using an iron bar.
4. Using Iron filings.

Answer: A



Question 5:

A bar magnet is immersed in a heap of iron filings and pulled out. The amount of iron filling clinging to the

1. North Pole is almost equal to the South Pole.
2. North Pole is much more than the South Pole.
3. North Pole is much less than the South Pole.
4. Magnet will be same all along its length.

Answer: A



VERY SHORT ANSWER QUESTIONS

Question 6:

Fill in the blanks

1. When a bar magnet is broken; each of the broken part will have _____ pole/poles.
2. In a bar magnet, magnetic attraction is _____ near its ends.

Answer:

1. When a bar magnet is broken; each of the broken part will have **two** pole/poles.
2. In a bar magnet, magnetic attraction is **more** near its ends.

Question 7:

Paheli and her friends were decorating the class bulletin board. She dropped the box of stainless steel pins by mistake. She tried to collect the pins using a magnet. She could not succeed. What could be the reason for this?

Answer:

The pins are made of stainless steel which is a non/magnetic material.

Question 8:

How will you test that 'tea dust' is not adulterated with iron powder?

Answer:

By using a magnet. If it has iron powder they will stick on to the magnet.

Question 9:

Boojho dipped a bar magnet in a heap of iron filings and pulled it out. He found that iron filings got stuck to the magnet as shown in Fig.



1. Which regions of the magnet have more iron filings sticking to it?
2. What are these regions called?

Answer:

1. The end of the magnet has more iron filings attached to it.
2. These regions are called poles of the magnet.