

# Worksheet CBSE-6 Science

## Chapter 13: Fun with Magnets

**Question 1.** Fill up the blanks:

(a) Artificial magnets are made in different shapes such as \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.

(b) The materials which are attracted towards the magnet are called \_\_\_\_\_.

(c) Paper is not a \_\_\_\_\_ material.

(d) In the olden day's sailors used to find direction by suspending a piece of \_\_\_\_\_.

(e) A magnet always has \_\_\_\_\_ poles.

**Question 2.** State whether the following statements are True or False:

(i) A cylindrical magnet has only one pole. ( )

(ii) Artificial magnets were discovered in Greece. ( )

(iii) Similar poles of a magnet repel each other. ( )

(iv) Maximum iron filings stick in the middle of a bar magnet when it is brought near them. ( )

(v) Bar magnets always point towards North-South direction. ( )

(vi) A compass can be used to find East-West direction at any place. ( )

(vii) Rubber is a magnetic material. ( )

**Question 3.** It was observed that a pencil sharpener gets attracted by both the poles of a magnet although its body is made of plastic. Name a material that might have been used to make some part of it.

**Answer:**

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**Question 4.** Column I shows different positions in which one pole of a magnet is placed near that of the other. Column II indicates the resulting action between them for each situation. Fill in the blanks.

Column I	Column II
N-N	.....
N-.....	Attraction
S-N	.....
.....-S	Repulsion

**Question 5.** A bar magnet has no markings to indicate its poles. How would you find out near which end is its north pole located?

**Answer:**

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**Question 6.** How is a compass used to find directions?

**Answer:**

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