

S15. FUN WITH MAGNETS | Class 6

1. How will you do this ?

(a) Determine whether a material is magnetic or non-magnetic.

ANSWER:

(b) Explain that a magnet has a certain magnetic field.

ANSWER:

Explanation:

(c) Find the north pole of a magnet.

ANSWER: ANSWER:

2. Which magnet will you use ?

(a) Iron is to be separated from trash.

ANSWER: ANSWER:

(b) You are lost in a forest.

ANSWER: ANSWER:

(c) A window shutter opens and shuts continuously in the wind.

ANSWER:

3. Fill in the blanks with the appropriate word.

(a) If a bar magnet is hung by a thread tied at its centre, its north pole becomes steady in the direction of the Pole of the earth. (South, north, east, west)

ANSWER: _____

(b) If a bar magnet is cut into equal pieces by cutting it at right angles to its axis at two places, bar magnets are formed, and a total of poles are formed. (6,3,2)

ANSWER: _____

(c) There is repulsion between the poles of a magnet, and attraction between its poles. (opposite, like.)

ANSWER: _____

(d) When magnetic material is taken close to a magnet, the material acquires (permanent magnetism, induced magnetism)

ANSWER: _____

(e) If a magnet attracts a piece of metal, that piece must be made of (any other metal but iron, magnetic material or iron, non-magnetic material)

ANSWER: _____

(f) A magnet remains steady in a direction. (east-west, north-south)

ANSWER: _____

4. Write the answers in your words.

(a) How is an electromagnet made ?

ANSWER:

(b) Write the properties of a magnet.

ANSWER:

(c) What are the practical uses of a magnet ?

ANSWER:
