

Grade VII Science Worksheet Magnetism

1. Choose the correct options:

i. When a magnet is suspended freely it always align itself in _____ direction.

- a. North b. N-S c. South d. S-N

ii. Which of the following, cannot be used to make a magnet?

- a. Iron b. Ebonite c. cobalt d. Steel

iii. Which of the following is not a non-magnetic substance?

- a. Glass b. China ware c. Nickel d. Wood

iv. Which of the following gets attracted to a magnet?

- a. Book b. Silver spoon c. Comb d. Common pins

v. When a magnet is placed on a plastic plate with common pins spread on it, then it _____.

- a. pins stick all around the magnet
b. pins stick at the middle of the magnet
c. pins stick at the ends of the magnet
d. none.

vi. The North end of the freely suspended magnet points towards _____?

- a. Geographical North b. Geographical South
c. Geographical East d. Geographical West

vii. The south pole of the freely suspended magnet points towards _____

- a. Geographical North b. Geographical South
c. Geographical East d. Geographical West

viii. Like poles of magnets _____ each other

- a. Attract b. Repel c. both a and b d. None

ix. Unlike poles of magnets _____ each other

- a. Attract. B. Repel c. Both a and b d. None

- x. _____ is the surest test of magnetism
a. Attraction b. Rotation c. Repulsion d. None
- xi. When a N pole of a bar magnet is brought near the north pole of a freely suspended needle, then it _____?
a. Attract b. Repels c. It rotates d. None
- xii. When a S pole a magnet is brought near the N pole of a freely suspended magnetic needle then it _____?
a. Repels b. It rotates c. attracts d. none
- xiii. _____ is a device used by pilots and navigators used to find the direction.
a. Thermometer b. Barometer c. magnetic compass d. none
- xiv. Magnetism of a magnet is lost by doing which of the following acts
a. Keeping in a box b. Heating c. Hammering d. Both b and c
- xv. Which of the following gets demagnetized when a powerful magnet is kept near it?
a. Plastic ruler b. Compact disc c. Glass tumbler d. Wood
- xvi. Which of the following does not get demagnetized when a powerful magnet is kept near it?
a. CD b. music system c. Cell phone d. Comb



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