

Grade 6 Exploring Magnets - Live Worksheet

1. Every magnet has two poles. (True/False)
2. Like poles attract each other. (True/False)
3. Fill in: The two ends of a magnet are called _____.
4. Fill in: A freely suspended magnet points in the _____ direction.
5. MCQ: Which property is used in a compass? A Repulsion B Induction C Directive D Temporary magnetism
6. Assertion-Reason: Assertion: Copper wire is attracted by a magnet. Reason: Copper is a non-magnetic material. Options A-D.
7. Short Answer: Why are electromagnets used in cranes?
8. Match: Compass-Directive, Lodestone-Natural magnet, Electromagnet-Current.

Answer Key (Teacher)

- 1 True
- 2 False
- 3 poles
- 4 North-South
- 5 C
- 6 D
- 7 They can be switched on/off and strength controlled.
- 8 Compass→Directive; Lodestone→Natural magnet; Electromagnet→Works with current.