

The history, properties and applications of magnets Progress test 3

Instructions for students: Follow your teacher's instruction.
Also, you can attempt this test online and see your result.



[Solve online](#)

1. Artificial and natural magnets (3 m.)

Match the column A with column B:

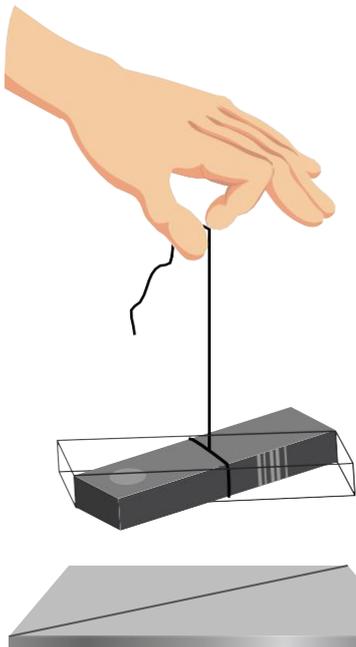
Column A	Column B
1. Ferrite is a good example of	A) Non-magnetic material B) Natural magnet C) Magnetic material D) Artificial magnet
2. Does not attract iron	A) Artificial magnet B) Magnetic material C) Natural magnet D) Non-magnetic material
3. Man-made substances which attracts iron	A) Artificial magnet B) Magnetic material C) Non-magnetic material D) Natural magnet



[View solution](#)

2. Magnetization (7 m.)

Give the procedure to find the direction using a bar magnet.



- Mark the magnet's end position on the cardboard again when it comes to rest
- Take a bar magnet
- The position of the ends of the magnet are marked on the cardboard below when it comes to rest
- Tie a thread to the middle of the magnet
- Gently rotate the magnet
- Suspend the bar magnet freely
- When we repeat this process, the magnet rests in the same direction

Step 1:

Step 2:

Step 3:

Step 4:

Step 5:

Step 6:

Step 7:



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3. Magnetic attraction and repulsion (8 m.)

Read and choose the correct answer for the following:

1. Choose the incorrect statement.

Statement 1: We can convert an iron nail, a needle or a blade like a magnet by rubbing it on a magnet.

Statement 2: We can convert an iron nail, a needle or a blade like a magnet by dropping it.

- A) Only statement 2 is correct
- B) Both the statement 1 and 2 are wrong
- C) Only statement 1 is correct
- D) Both the statement 1 and 2 is correct

2. **Statement 1** : Repulsion occurs when unlike poles (N-S or S-N) of the magnets are kept close to each other.

Statement 2 : Repulsion occurs when like poles (N-N or S-S) of the magnets are kept away from each other.

- A) Both the statement 1 and 2 is correct
- B) Only statement 1 is correct
- C) Both the statement 1 and 2 are wrong
- D) Only statement 2 is correct



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