

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.

[Attempt online and know results](#)

Topic: Mixed

Dates: 25.10.2022 until unlimited

Question count: 3

Total marks: 18

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

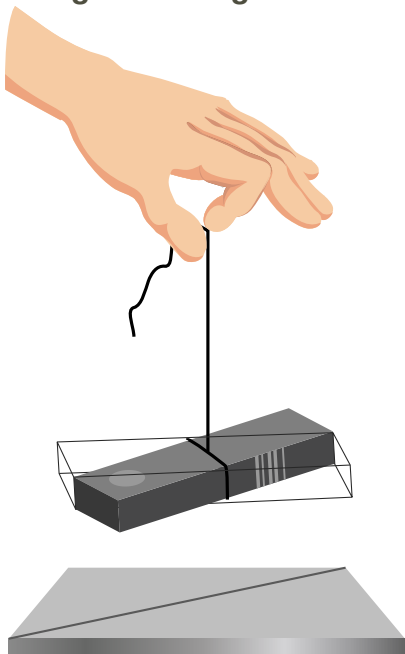
	D) Artificial magnet
2. Does not attract iron	A) Artificial magnet B) Magnetic material C) Natural magnet D) Non-magnetic material
3. Man-made substances which attracts iron	A) Artificial magnet B) Magnetic material C) Non-magnetic material D) Natural magnet

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2. Magnetization (7 m.)

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



A)

Mark the magnet's end position on the cardboard again when it comes to rest

B) Take a bar magnet

C)

The position of the ends of the magnet are marked on the cardboard below when it comes to rest

D) Tie a thread to the middle of the magnet

E) Gently rotate the magnet

F) Suspend the bar magnet freely

G)

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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