

# The history, properties and applications of magnets Training test 3

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

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**Topic:** The history, properties and applications of magnets

**Dates:** 25.10.2022 until unlimited

**Question count:** 3

**Total marks:** 10

## 1. Magnetic properties (4 m.)

Drag the right option:

- A) By heating
- B) By cooling the magnet
- C) Placing the magnets near an electronic device
- D) Levitates the train

Give any two reason to reduce the magnetic property of a material.

..... and .....

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## 2. Electromagnetic train (2 m.)

Drag the answer to the given space:

- A) Glass
- B) Eco-friendly
- C) Magnetite

1. Magnetic material : ..... :: Compass : Navigation

2. Countries using flying train : China

:: Advantages of maglev train : .....

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## 3. Magnetic levitation (4 m.)

## Choose the best option:

1. Which of the following is responsible for levitation?

- A) Repulsion of poles
- B) Neither repulsion nor attraction
- C) Attraction of poles

2. Which among the following is an object which attains magnetism when an electric current is passed through it?

- A) Electromagnet
- B) Needle magnet
- C) Bar magnet

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