QUESTION 1

Drag and drop the correct answer.

The image above shows a material that is able to attract another one.

This physical property is called magnetism ✓.



malleability

conductivity

density

QUESTION 2

Select the correct answer.

What is the correct definition for thermal conductivity?

- Thermal conductivity is the ability of a material to attract another material.
- Thermal conductivity is the ability of a material to be hammered or pressed flat without breaking.
- Thermal conductivity is the ability of a material to transfer electricity.
- Thermal conductivity is the ability of a material to transfer heat. ✓

QUESTION 3

Select the correct answers from the drop-down menus.

Substances that have magnetic properties ✓ are able to attract other materials such as metals ✓.

QUESTION 4

Drag and drop the correct answers.

The density ✓ of 200 g of iron nails is the same ✓ compared to 100 g of iron nails.



smaller

mass

QUESTION 6

Select the correct answer.

What is the correct definition for malleability?

- Malleability is the ability of a material to transfer electricity.
- Malleability is the ability of a material to transfer heat.
- Malleability is the ability of a material to attract another material.
- Malleability is the ability of a material to be hammered or pressed flat without breaking. ✓



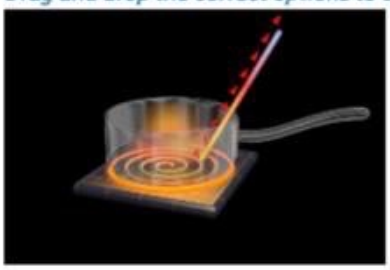
100 g 200 g

Compare 100 g of iron nails with 200 g of iron nails. Which physical property would be the same for both?

- ○ volume
- ○ weight
- ○ mass
- ◉ density ✓

QUESTION 8

Drag and drop the correct options to complete the sentence.



Thermal conductivity ✓ describes how easily a material can transfer heat. For that reason, you will choose a cooking pans that is made of steel ✓ to cook an egg, because it is a good conductor of heat ✓.

Magnetism | magnet | Electrical conductivity | conductor of electricity | wood

Select the correct answer from the drop-down menu.

Mass and volume ✓ depend on the amount of matter present.



QUESTION 10

Select the correct answer from the drop-down menu.

Magnetism ✓ is the ability of a material to attract another material.

QUESTION 11

Select the correct answer from the drop-down menu.

Aluminum can be rolled into thin sheets and used to cover food. The physical property observed is malleability ✓.



QUESTION 12

Drag and drop the correct answer.

Electrical conductivity ✓ is the physical property that we depend on to choose the type of wire to build a good electrical circuit. As an example, copper is used in wires because it is a good conductor of electricity ✓.



conductor of heat

QUESTION 13

Select the correct answer.

Salt is dissolved in water. You cannot see the salt in the water, but you can taste it. Choose the **best** reason why.



- ○ The chemical composition of salt has change.
- ○ The chemical composition of water has changed.
- ○ The salt reacted with the water.
- ◉ The chemical composition of salt and water has not changed. ✓

QUESTION 14

Select the correct answer.

What is the definition of electrical conductivity?

- ○ Electrical conductivity is the ability of a material to transfer heat.
- ○ Electrical conductivity is the ability of a material to attract another material.
- ◉ Electrical conductivity is the ability of a material to transfer electricity. ✓
- ○ Electrical conductivity is the ability of a material to be hammered or pressed flat without breaking.

QUESTION 15

Select the correct answer.

You want your little brother to see a trick. You make a tablespoon of salt disappear. The materials you will use are only a tablespoon of salt and a cup of water.

What is the physical property of the salt you will rely on to perform your trick?

- malleability
- solubility ✓
- mass
- electrical conductivity

QUESTION 16

Select the correct answer.

If you fold a piece of paper, its size and shape would change. This is called a

physical change ✓.

- chemical composition
- change of state
- chemical change