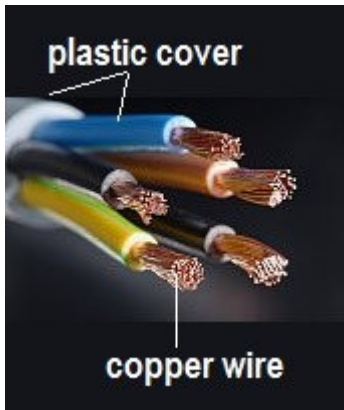


PROPERTIES OF MATERIAL

Review

1. QUESTION

Wires are usually made from two materials, copper and plastic.



Select the best explanation for this.

- ☐ Copper can rust easily, so it is kept in the plastic.
- ☐ The plastic keeps electrical conductivity within.
- ☐ Copper can melt, so it is kept within the plastic.
- ☐ Plastic is a good conductor of electricity. So it makes sense to use it over copper.
- ☐ Plastic is not a good conductor of electricity.

2. QUESTION

Match the terms to its definition.

SORT ELEMENTS

Translucency, Buoyancy Hardness, Transparency, Viscosity, Opaque, Strength, Flexible, Waterproof

Repels water.

Supports load without breaking.

Resistance of a fluid to flow.

Bend without breaking.

Withstands scratches.

Allows light to pass through.

Does not allow light to pass through.

Some light to pass through.

Floats on water.

Name _____

Date _____

3. QUESTION

Which one of the following will feel colder?

☒ wood

☒ metal

4. QUESTION

Which of the following is an insulator?

☒ copper

☒ silver

☒ wood

☒ gold

5. QUESTION



Why is this iron pot useful?

☒ It is light.

☒ It is made of metal.

☒ It is hard and strong.

☒ It is a good heat conductor

6. QUESTION

Which of the following materials will float?

☐ ping pong ball

☐ cork

☐ cotton ba

☐ nails

☐ rock

☐ flour

☐ sand