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SNCERT Class VIII Science Solutions: Chapter 4 - Materials: Metals and Non-Metals Part 1

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MULTIPLE CHOICE QUESTIONS

Question 1:

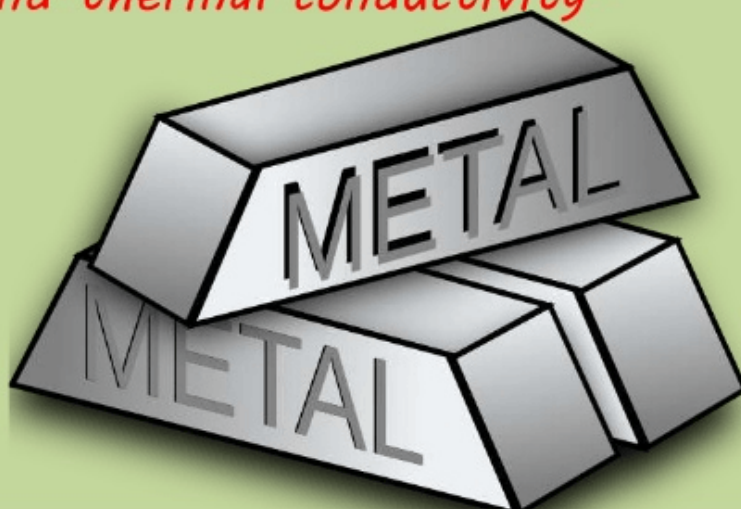
Which of the following is not a metal?

1. Copper
2. Sulphur
3. Aluminium
4. Iron

Answer: B

What is a Metal?

- *A metal is a material that is typically hard, opaque, shiny, and has good electrical and thermal conductivity.*



Question 2:

The substance that will be flattened on beating with a hammer is

1. Crystal of iodine
2. Lump of sulphur

3. Piece of coal

4. Zinc granule

Answer: D

Question 3:

Boojho has learnt that non-metals on beating with a hammer are generally broken into pieces.

Which of the following is a nonmetal?

1. Iron nail

2. Aluminium wire

3. Copper plate

4. Piece of coal

Answer: D

Question 4:

Materials which can be drawn into wires are called ductile. Which of the following is not a ductile material?

1. Silver

2. Copper

3. Sulphur

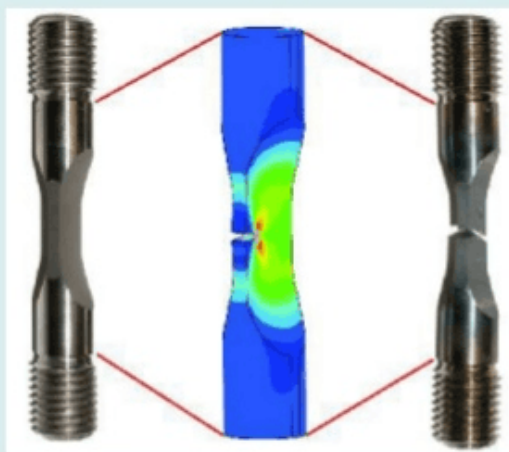
4. Aluminium

Answer: C

Ductile Materials

- Materials in order of ductility:

- Gold.
- Silver.
- Aluminium.
- Copper.
- Steel.



Question 5:

Metals are generally hard. Which of the following metals is an exception and can be cut with a knife?

1. Iron
2. Sodium

3. Gold

4. Magnesium

Answer: B

Question 6:

Metals are generally solid. Which of the following metals is in the liquid state at room temperature?

1. Mercury

2. Silver

3. Aluminium

4. Sodium

Answer: A