

Name: _____ Date: _____

Materials: Metals and Non-Metals

Q1. Which of the following statements is correct?

- (a) All metals are ductile.
- (b) All non-metals are ductile.
- (c) Generally, metals are ductile.
- (d) Some non-metals are ductile.

Ans. _____

Q2. Complete the following displacement reaction:

Copper sulphate + _____ -----> Zinc sulphate + _____ ?

Ans. _____

Q3. Name the non-metal essential for our life, which all living being inhale during breathing.

Ans. _____

Q4. Which of the two will produce ringing sound a metallic box or a wooden box and why?

Ans. _____

Q5. There are two materials A and B. On hammering A is flattened, but B breaks. Which one is a metal?

Ans. _____

Q6. Name two soft metals which can be cut with a knife.

Ans. _____

Q7. Give some examples of non-metals.

Ans. _____

Q8. Give some examples of metals.

Ans. _____

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Ans. Generally, metals are ductile.

Q2. Complete the following displacement reaction:

Copper sulphate + _____ -----> Zinc sulphate + _____?

Ans. Copper sulphate + zinc -----> Zinc sulphate + copper

Q3. Name the non-metal essential for our life, which all living being inhale during breathing.

Ans. Oxygen

Q4. Which of the two will produce ringing sound a metallic box or a wooden box and why?

Ans. A metallic box will produce ringing sound because metals are sonorous.

Q5. There are two materials A and B. On hammering A is flattened, but B breaks. Which one is a metal?

Ans. A is a metal because it flattens, i.e., it is malleable.

Q6. Name two soft metals which can be cut with a knife.

Ans. Metals like sodium and potassium are soft and can be cut with a knife.

Q7. Give some examples of non-metals.

Ans. The examples of non-metals are sulphur, carbon, oxygen, phosphorus, etc.

Q8. Give some examples of metals.

Ans. The examples of metals are iron, copper, aluminium, calcium, magnesium, etc.