UNIT 5 Properties of materials

Question 1

Draw one line from each term about the properties of metals and non-metals to its meaning.

term	meaning
ductile	can easily be hammered into shape
malleable	breaks with a snap
brittle	can be drawn out into strands or wires

Question 2

Which of the following is not a property of metals? Tick (🌍) **one** box.

Conduct ☐

☐

electricity

Do not conduct heat

Have high melting and boiling points ☐

Feel cold to the touch ☐

Question 3

LIVEWORKSHEETS

Alloys are often used instead of pure metals.

a Why is an alloy of aluminium used to build aeroplanes?

_____

b Why is an alloy used to make '**silver**' coins, and not pure silver?

_____

Question 4

Write down one safety measure that you should take when heating an evaporating basin of a solution of copper sulfate to obtain copper sulfate crystals.

_____

_____

Question 5

Litmus and universal indicator are indicators. Complete the sentences.

a If litmus is red, the solution is _____

b In a neutral solution, universal indicator is _____.

c The indicator that gives you more information about how acidic or alkaline a solution is, is_____

d The pH of a neutral solution is _____

LIVEWORKSHEETS

Question 6

LIVEWORKSHEETS