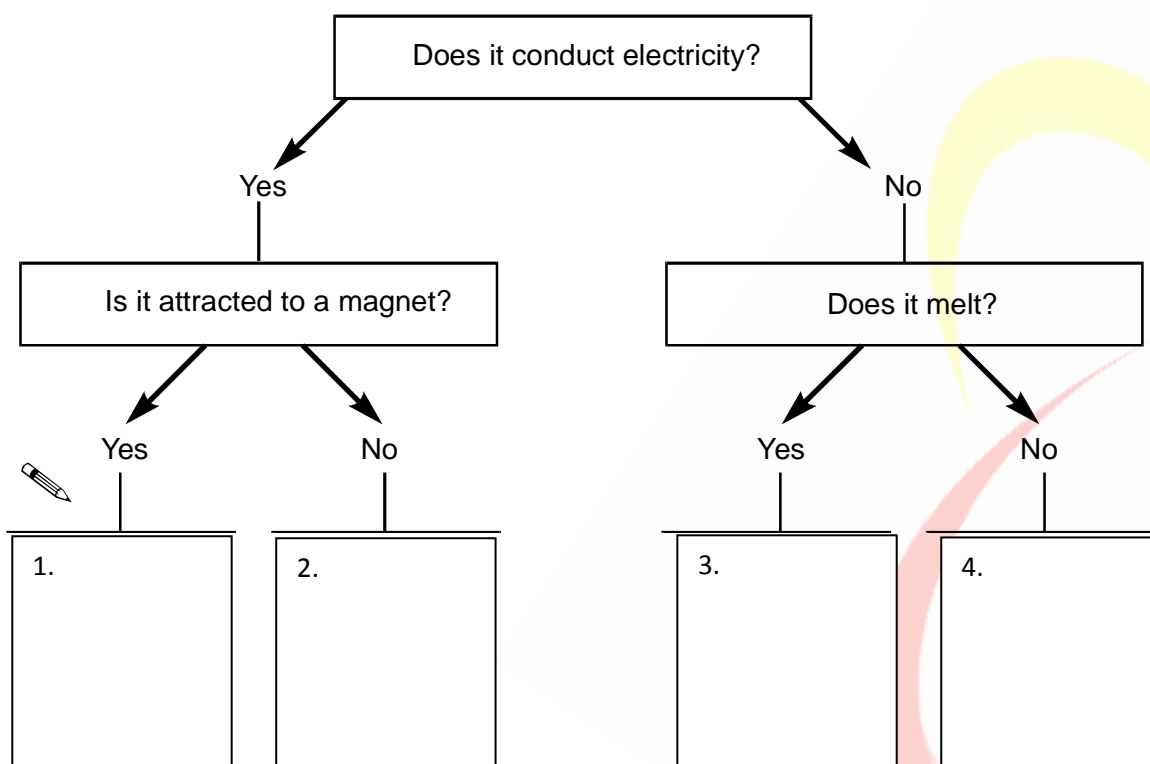


Metals and Non-Metals

Sarah and Rob are investigating the properties of materials.

They compare wood, steel, paper, wax, aluminium and copper.

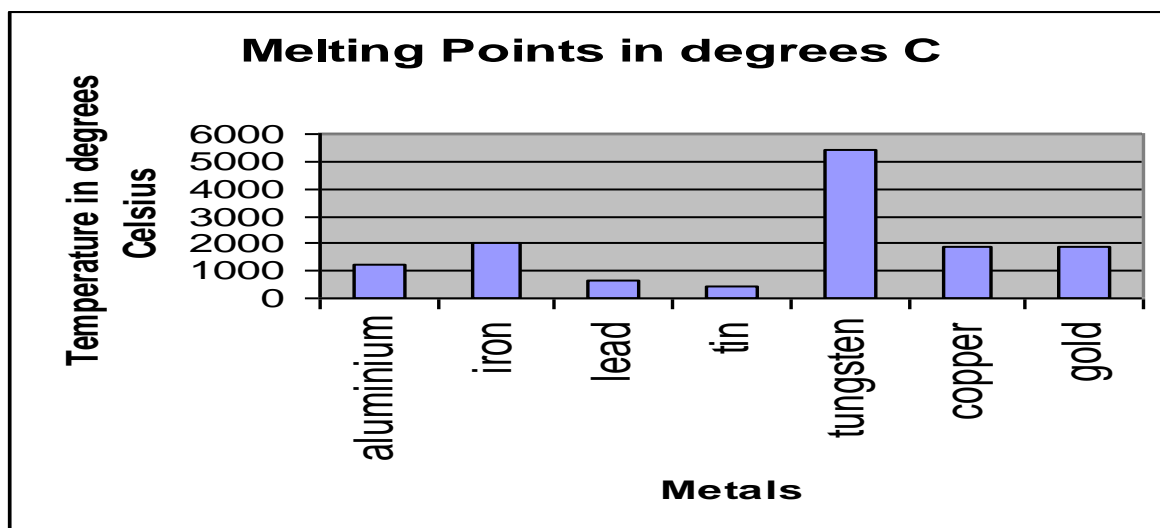
Questions 1 to 4: Complete the key by deciding which materials out of **wood, steel, paper, wax, aluminium and copper** should go in the answer boxes at the bottom of the key. Write the answers in your book. Use each word **once**. You may put **more than one** word in an answer box.



5. Name the three metals in the key above.

6. Name the non-metals.

The bar chart gives the melting points of some different metals.
The melting point is the **temperature** at which the solid metal turns into a *liquid*.



7. Which metal has the highest melting point? _____
8. Which metal has the lowest melting point? _____
9. What is the melting point of iron? _____
10. Which two metals have a melting point of just under 2000⁰C?
11. List the metals in order of melting point, starting with the highest.
12. Tungsten is used for the wire which lights up inside a light bulb. Why?
13. Would it be possible to keep molten lead in an iron cup? Explain your answer.
14. Which solid is not a metal: carbon, iron *or* copper?