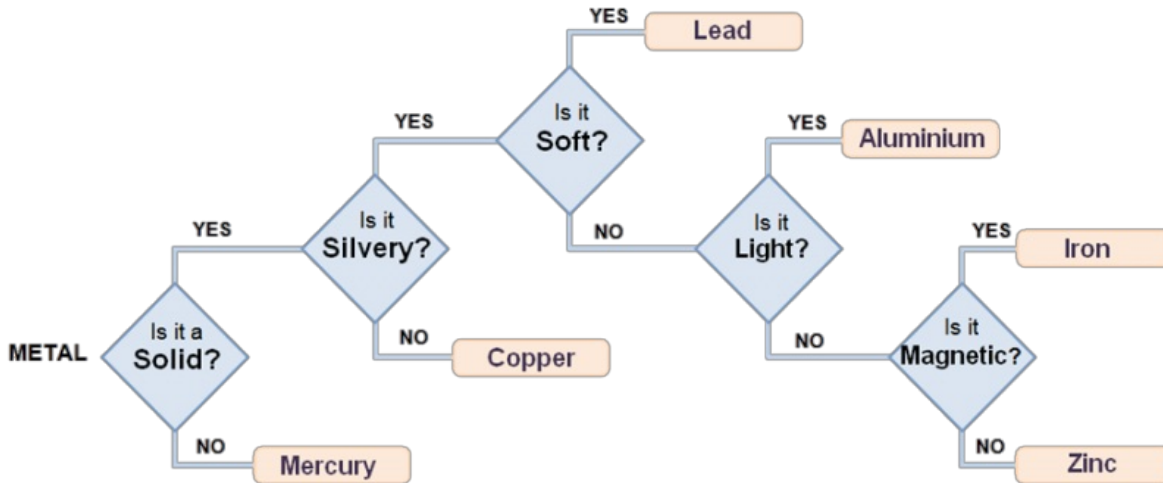


Using a metals key

This task is about deciding the main purpose of a key for metals.



Keys are often used in science to help with identifying things. This key is for using with metals.

What does the key tell you about mercury? (Select all that apply.)

- Whether it is a solid or not
- Its colour
- If it is soft or hard
- If it is light or heavy
- Its magnetic properties

What does the key tell you about lead? (Select all that apply.)

- Whether it is a solid or not
- Its colour
- Whether it is soft or hard
- Whether it is heavy or light
- Its magnetic properties

In the key all five properties are described for only two metals, and

If you found a gold ring, and you followed the key, which metal does **this** key suggest it might be?

- | | |
|-------------------------------|---------------------------------|
| <input type="radio"/> mercury | <input type="radio"/> copper |
| <input type="radio"/> lead | <input type="radio"/> aluminium |
| <input type="radio"/> iron | <input type="radio"/> zinc |

Explain why the key does not work for the metal gold.

Keys can be useful. However, when using a key we need to understand what they can help us do and what they can't.

What is one thing this key is not useful for?

What is the main use for this key?

- | |
|--|
| <input type="radio"/> To identify all the properties of 6 metals |
| <input type="radio"/> To identify some of the properties of 6 metals |
| <input type="radio"/> To identify the name of any metal |
| <input type="radio"/> To identify the names of 6 metals |
| <input type="radio"/> To identify which metals are magnetic. |