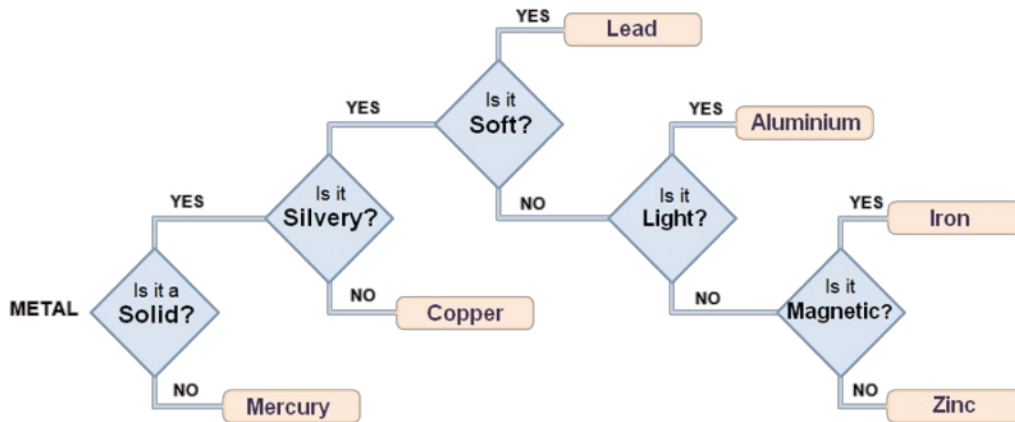


Properties of metals

This task assesses the use of a key to identify 6 given metals.

Pere found some metal objects when he was cleaning out the garage. He wanted to know what metals they were made of. He used an identification key to work this out.

For the next 6 questions read the description of each metal. Use the key to decide its name.



a) Pere found a metal that was a **light but hard, silvery, non magnetic solid**. Which metal was it?

| | | |
|---------------------------------|------------------------------|----------------------------|
| <input type="radio"/> Mercury | <input type="radio"/> Copper | <input type="radio"/> Lead |
| <input type="radio"/> Aluminium | <input type="radio"/> Iron | <input type="radio"/> Zinc |

b) Pere found a metal that was a **heavy, reddish coloured, hard, non-magnetic solid**. Which metal was it?

| | | |
|---------------------------------|------------------------------|----------------------------|
| <input type="radio"/> Mercury | <input type="radio"/> Copper | <input type="radio"/> Lead |
| <input type="radio"/> Aluminium | <input type="radio"/> Iron | <input type="radio"/> Zinc |

c) Pere found a metal that was a **heavy, silvery, hard, magnetic solid**. Which metal was it?

| | | |
|---------------------------------|------------------------------|----------------------------|
| <input type="radio"/> Mercury | <input type="radio"/> Copper | <input type="radio"/> Lead |
| <input type="radio"/> Aluminium | <input type="radio"/> Iron | <input type="radio"/> Zinc |

d) Pere found a metal that was a **soft, heavy, silvery, non-magnetic solid**. Which metal was it?

| | | |
|---------------------------------|------------------------------|----------------------------|
| <input type="radio"/> Mercury | <input type="radio"/> Copper | <input type="radio"/> Lead |
| <input type="radio"/> Aluminium | <input type="radio"/> Iron | <input type="radio"/> Zinc |

e) Pere found a metal that was a **silvery metal that is liquid at room temperature**.
Which metal was it?

| | | |
|---------------------------------|------------------------------|----------------------------|
| <input type="radio"/> Mercury | <input type="radio"/> Copper | <input type="radio"/> Lead |
| <input type="radio"/> Aluminium | <input type="radio"/> Iron | <input type="radio"/> Zinc |

f) Pere found a metal that was a **heavy, silvery, hard, non-magnetic solid**.
Which metal was it?

| | | |
|---------------------------------|------------------------------|----------------------------|
| <input type="radio"/> Mercury | <input type="radio"/> Copper | <input type="radio"/> Lead |
| <input type="radio"/> Aluminium | <input type="radio"/> Iron | <input type="radio"/> Zinc |

Published on <https://newzealandcurriculum.tahurangi.education.govt.nz>