

Metals

A) Translate the article and answer questions about metals.

Vocabulary: **copper:** **drinks cans:** **zinc:**

metal ores: **limestone:** **steel:**

smelting: **blast furnance:** **aluminium:**

Metal ores are a mixture of metals and other chemicals. People get metals from ores by using proces called smelting.

During iron smelting, people put iron ore, a chemical called carbon, and a stone called limestone ① into a very hot place called blast furnance ②. The iron is a hot liquid, and it becomes hard when it cools. People mix liquid iron with other chemicals to make a stonger metal called steel.

People make things from lot of different metals, but many things are made of steel, aluminium, and copper. **Steel** is very strong, so people use it build cars and very tall buildings. **Aluminum** is strong too, but lighter than steel. People use it to make thing like drink cans and planes. **Copper** is a soft metal. Electricity can go through copper easily, so people use it to make electrical parts ③.

Questions:

① What metrilas we need to make iron? Underline them.



carbon

wood

carrot

granite

limestone

ore metals

② How look blast furnance?



③ Match the metals and products made of them.

COPPER

ALUMINIUM

STEEL



B) According the text, try to write about properties of metals and some products of them.

Steel is: products:

Aluminium is: products:

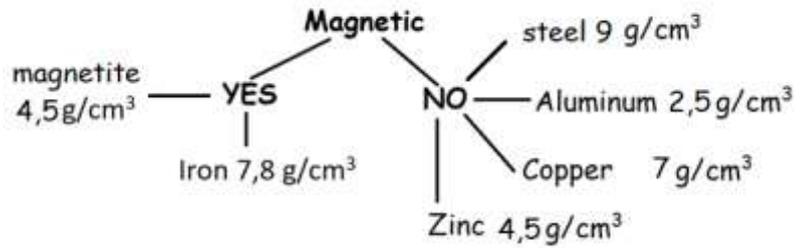
Copper is: products:

C) Try to find out, what metal you have in front of you.
The scheme will help you (find out density of metal).

Electricity can go through: Yes x No
Magnetic: Yes x No
Weight: grams
Volume (amount) cubic centimeters

Density = weight / amount = g/cm³

Our metal probably is



D) Draw some product of your metal.

