

# UNIT 4: WORKING WITH METALS

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## 2. PROPERTIES OF METALS

### 1. Select the correct sentences.

- The metals are good electrical conductors.
- The metals aren't good thermal conductors.
- The metals aren't good acoustic conductors.
- The metals are used to build buildings.
- All the metals are magnetic.
- The metals aren't toxic at all.

### 2. Relate the images to a property of metals:

**They can be melted**



**They are tough**



**They are ductile**



**They are malleable**



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3. Complete the next sentences with a property of metals:

- The metals are \_\_\_\_\_, that is, they can be used again for things they were not designed for, like these container houses.
- Most of them \_\_\_\_\_ in contact with oxygen from water and air, causing them to lose their properties and metallic shine.
- They can be \_\_\_\_\_ at high temperatures and, therefore, can be \_\_\_\_\_.
- They are \_\_\_\_\_. that means that they can be deformed into sheets without breaking, such as white paper or gold liquor which contains very small sheets of gold.
- They are \_\_\_\_\_, that means that they can be stretched without breaking and form wires or strands, which allows the creation of very resistant and thin cables that are very durable.
- They are good for tensile, compressive, bending and torsional \_\_\_\_\_.
- Some have \_\_\_\_\_ behavior, that is to say, they are attracted by a magnet.
- The are good \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ conductors.