

UNIT 4: WORKING WITH METALS

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.