



## Properties of metals and non-metals

Property	Metals	Non-metals
<b>Appearance</b>	Shiny	Solids are dull
<b>State at room temperature</b>	Solid (except mercury, which is a liquid)	Solids, liquids and gases.
<b>Density</b>	High (they feel heavy for their size)	Low (they feel light for their size)
<b>Strength</b>	Strong	Weak
<b>Malleable or brittle</b>	Bend without breaking (malleable)	Break easily if solid (brittle)
<b>Conduction of heat</b>	Good	Poor (they are insulators)
<b>Conduction of electricity</b>	Good	Poor (they are insulators, except graphite)
<b>Magnetic Material</b>	Only iron, cobalt and nickel	None
<b>Sound when hit</b>	They make ringing sound (they are sonorous)	They make a dull sound
<b>Melting/boiling point</b>	High	Low

**Each statement describes either a metal or a non-metal. Circle the right answer.**

1. I shine when I am polished.

Metal / Non metal

2. I am a bad conductor of electricity.

Metal / Non metal

3. You will mostly find me in gaseous form at room temperature. Metal / Non metal

4. I am a good conductor of heat.

Metal / Non metal

5. Most matter in the universe is made up of me.

Metal / Non metal

6. Most of the known elements are made of me.

Metal / Non metal

7. You will mostly find me in solid state at room temperature. Metal / Non metal

8. I am very dense.

Metal / Non metal