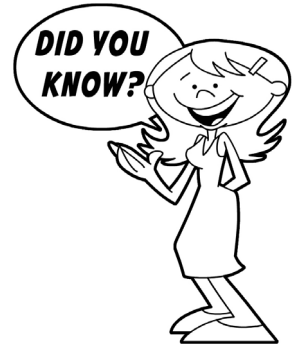


Uses of metals

Name: _____

Metals corrode easily, because of the metal particles reacting with oxygen in water (rain). There are different types of corrosion, namely, rust (iron), tarnish (silver), patina (copper), black spots (brass) and aluminium oxide (aluminium).



Where will you find tarnish? Give an example of such an object.

Where will you find rust? Give an example of two such objects.

Where will you find black spots? Give an example of such an object.

Metals have different properties. Some metals can conduct electricity and heat and some are magnetic. When we want to use a metal for a specific purpose, we find the best suited metal for the job. Thus, we go and look at the metal's properties before we use it for the purpose we want to use it for.

List as many properties of metals as you can think of:

Are non-metals magnetic?

Are all metals magnetic?

John wants to build a bridge across a river in his backyard. Which metal will be the best metal to be used for building the bridge?

Why would John use the above metal to build his bridge? (Use the properties of the metal to find your answer.)
