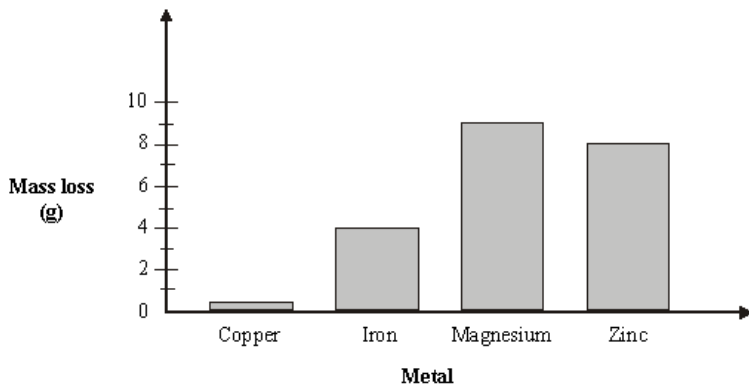


# Metal corrosion

This task is about fair testing and reading information from a graph.

10 g of each of the following metals: copper, iron, magnesium, and zinc were polished, and then left to corrode on a shelf in a laboratory for 3 months. They were then polished again, the mass loss worked out, and the results graphed.

**Mass loss of metals**



- a) Which metal corroded the most? \_\_\_\_\_
- b) How much iron corroded? \_\_\_\_\_ g
- c) How much zinc was left? \_\_\_\_\_ g
- d) What was the total mass of all the metals after 3 months? (Show your working).

\_\_\_\_\_ g.

- e) Write an aim for this experiment.

\_\_\_\_\_

- f) Why were the metals polished at the end of 3 months?

\_\_\_\_\_

\_\_\_\_\_

- g) Why was the starting mass of each metal the same?

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