

Q1 Fill in the blanks.

- Bathroom fittings are electroplated with \_\_\_\_\_ to prevent rusting.
- The crystals of copper sulphate are \_\_\_\_\_ in color.
- Energy is \_\_\_\_\_ in all chemical changes.
- The chemical name of rust is \_\_\_\_\_.

Q2 Write the difference between physical and chemical change.

Q3 Write the answer of the following questions in one word.

- What kind of change is the ageing of living beings?
- Name a substance that sublimates on heating.
- Magnesium ribbon is burnt in air. Name the white residue left after the reaction.
- Give the chemical name of the rust.

Q4 Answer the following questions.

- Describe tinning of iron sheets.
- Why is the sublimation a physical change?
- What is crystallisation? what type of change is it and why?
- Which property of iron is modified in stainless steel? what is done to do so?