

Exercise 8.11 – Oxidation numbers

Q811-01 Calculate the oxidation number of copper in the compound whose formula is CuO.

Q811-02 Calculate the oxidation number of iron in the compound whose formula is Fe₂O₃.

Q811-03 Calculate the oxidation number of sulphur in the compound of formula SO₃.

Q811-04 Calculate the oxidation number of sulphur in the compound H₂SO₃.

Q811-05 Calculate the oxidation number of iodine in the compound KIO₃.

Q811-06 Calculate the oxidation number of nitrogen in nitric acid, HNO₃.

Q811-07 Calculate the oxidation number of copper in the complex ion [CuCl₃]²⁻.

Q811-08 Calculate the oxidation number of nickel in the complex ion, [NiCl₄]²⁻.

Q811-09 What is the oxidation number of carbon in carbon monoxide, CO?

Q811-10 What is the oxidation number of chlorine in the ion ClO⁻?
