

(b) (i) Give one similarity between a sulfur atom and a sulfur molecule.

Both are made up solely of sulfur.

(ii) Give one difference between a sulfur atom and a sulfur molecule.

The sulfur atom is a single atom. The sulfur molecule, however, is made up of more than one sulfur atom.

(c) (i) Give one similarity between a sulfur molecule and a sulfur dioxide molecule.

Both molecules are made up of more than one atom./Both molecules contain sulfur atoms.

(ii) Give one difference between a sulfur molecule and a sulfur dioxide molecule.

The sulfur molecule is made up of one type of atom while the sulfur dioxide molecule is made up of more than one type of atom.

Map It Out

Complete the graphic organiser that follows the question.

Using the examples of oxygen gas and water, state one similarity and one difference between molecules of elements and molecules of compounds.

