

Record:

Draw a table to record your results

<i>Name of Element</i>	<i>Type of Atom</i>	<i>Name of Compound</i>	<i>Types of Atom</i>
			<i>and</i>

Activity 3:

Collect a copy of 'Substance Card 2 - Larger Molecules'.

Sort out which of the substances are **Elements** and which are **Compounds**.

Identify which type(s) of atom each substance is made from.

Record:

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<i>Name of Element</i>	<i>Type of Atom</i>	<i>Name of Compound</i>	<i>Types of Atom</i>
			<i>and</i>

Record:

Copy the definitions for:-
Elements
Compounds
Molecules
 and **Networks**

Use *coloured* pencils to draw examples of each type of substance.

Use the 'Substance Cards' to answer these questions :-

- Which *element* forms 3 different substances ?
- How many *elements* exist as *molecules* ?
- How many *elements* exist as *networks* ?
- Which two *compounds* contain the same **two** types of atoms ?
- Which two *compounds* contain the same **three** types of atoms ?
- How many atoms are there in a sulphur *molecule* ?
- How many atoms are there in a phosphoric acid *molecule* ?

Going Further

Not surprisingly all **Networks** are **solids** at room temperature.

Try to find out what the **molecular** substances are.
 Can you see a **pattern** emerging ?

