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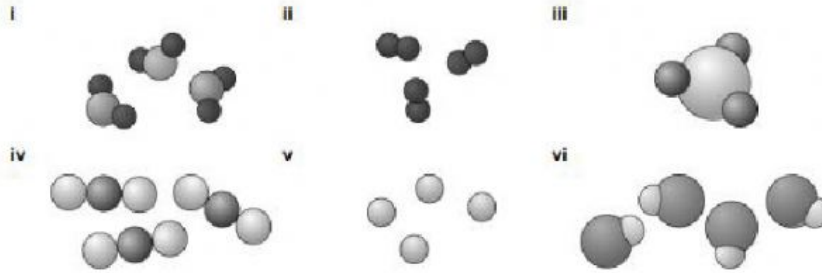
changes chemical and Physical about Worksheet الملف

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1) Click on all the compounds:



2) Complete the statements below by choosing from the suggested words:

All matter is made up of tiny particles called _____.	Atoms cannot be _____ or destroyed.	All the atoms in an element are the _____.
In compounds, each atom of an element is always joined to a fixed _____ of atoms of other elements.	A compound contains atoms of _____ elements joined together.	

3) Arrange the changes below into the table next to it:

Ice melting	Carbon burning	Dissolving sugar
Frying an egg	Water evaporating	Lighting a match
Water freezing	Iron rusting	Cutting up wood

Chemical change	Physical change

4) Match the statements below:

Electricity can pass through iron ...

Elements are substances ...

Sulfur will turn from a liquid into a gas ...

The symbols of iron and sulfur ...

Iron and sulfur are examples ...

Iron is used make bridges ...

Iron sulfide is a solid at room temperature ...

Iron sulfide is a compound ...

Compounds are different from the elements they are made from ...

All substance are made up of ...

... of elements.

... that contain only one kind of atom.

... as its melting point is high.

... tiny particles called atoms.

... are Fe and S.

... because it is a conductor of electricity.

... at its boiling point.

... in terms of their properties.

... because it contains different atoms joined together.

... because it is strong.

5) Match the following elements to their international symbol.

aluminium _____; carbon _____; calcium _____; sodium _____

C Ca Na Al

6) The modern symbols for some elements are just the first letter of the element's name. The following elements follow this pattern. What are their symbols?

oxygen fluorine hydrogen iodine

7) Some elements have symbols that use the first two letters of their names. The following elements follow this pattern. What are their symbols?

silicon argon neon calcium
