

Elements and compounds 2

Name _____ Class _____

Here are the names of ten different substances:

carbon carbon dioxide helium lead lime
mercury oxygen salt sugar water



- Write the names of the substances on the line at the top of each box below. Choose the names from the box above.
- Decide if each substance is an element or a compound. Write this in the space provided in each box.
- How did you decide if the substance was an element or compound? Draw a circle around the statement that helped you to decide. The first example has been done for you.

<p>1 Name: <u>Oxygen</u></p> <ul style="list-style-type: none"> is a gas in the air is needed for burning <u>can't be split up into anything simpler</u> is <u>an element</u> (an element/a compound) 	<p>2 Name: _____</p> <ul style="list-style-type: none"> is a liquid metal conducts electricity does not change when a current passes through it is _____ (an element/a compound)
<p>3 Name: _____</p> <ul style="list-style-type: none"> melts at a high temperature conducts electricity when it has melted splits up when a current passes through is _____ (an element/a compound) 	<p>4 Name: _____</p> <ul style="list-style-type: none"> is made of carbon and oxygen is used by plants turns limewater milky is _____ (an element/a compound)
<p>5 Name: _____</p> <ul style="list-style-type: none"> is made of calcium and oxygen is used by farmers is an alkali is _____ (an element/a compound) 	<p>6 Name: _____</p> <ul style="list-style-type: none"> is used in balloons is very light can't be split up into anything simpler is _____ (an element/a compound)
<p>7 Name: _____</p> <ul style="list-style-type: none"> is a liquid gives off gases when you pass a current through it boils at 100 °C is _____ (an element/a compound) 	<p>8 Name: _____</p> <ul style="list-style-type: none"> can be melted quite easily conducts electricity when melted does not change when electricity goes through it is _____ (an element/a compound)
<p>9 Name: _____</p> <ul style="list-style-type: none"> tastes sweet can be white or brown turns black and gives off steam when you heat it is _____ (an element/a compound) 	<p>10 Name: _____</p> <ul style="list-style-type: none"> can be made into rods which conduct electricity does not get split up when a current passes through is found in pencil leads is _____ (an element/a compound)