

- In the periodic table the alkali metals are found in group \_\_\_\_\_.
- The alkali metals are all stored \_\_\_\_\_ to keep out air and water.
- When sodium burns: sodium + \_\_\_\_\_  $\rightarrow$  \_\_\_\_\_.
- When potassium is added to water the gas formed is \_\_\_\_\_.
- They are called alkali metals because they form an alkali when \_\_\_\_\_.

- |  |  |            |            |
|--|--|------------|------------|
|  |  | Metalloids |            |
|  |  |            |            |
|  |  |            |            |
|  |  |            | Non-metals |

## Transition metals













## Halogens

Alkali metals

Noble gases

Alkali Earth metals

- Drag and drop the following boxes to organise equations for the products below:

			
			
			
copper	sodium	oxygen	
carbon	magnesium	sodium	
oxygen	sulfur	phosphorus	
copper	phosphorus	oxygen	
magnesium	carbon	oxygen	
oxygen	oxygen	sulfur	
oxide	oxide	oxide	
oxide	dioxide	dioxide	

**1) Magnesium oxide:**

**2) Phosphorus oxide:**

**3) Carbon dioxide:**

**4) Sulfur dioxide:**

**5) Copper oxide:**

**6) Sodium oxide:**

- Organise the oxides into the table below:

Magnesium oxide

Sodium oxide

Phosphorus oxide

Carbon dioxide

Sulfur dioxide

Copper oxide

Metal oxides	Non-metal oxides

Complete the following word equations using the words in the box below.

carbon	hydrogen	lithium	oxygen	sodium	sodium oxide	water
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a \_\_\_\_\_ + \_\_\_\_\_ → lithium oxide

b sodium + oxygen → \_\_\_\_\_

c \_\_\_\_\_ + oxygen → carbon dioxide

d \_\_\_\_\_ + \_\_\_\_\_ → sodium hydroxide + \_\_\_\_\_