

Answer all the questions below:



Click mouse to reveal answer

1) Unscramble the following words:

oidantixo

ecohtndrmie

emthixoer

icptlare

2) Make three sentences using the following nine words or phrases:

combusting fuels  
oxidation  
chemical reaction

exothermic  
combining material  
mass of products

heat energy  
oxygen  
and reactant

3) Match the word or phrase with the right meaning:

Synthetic



The process by which reactants and products combine

Chemical reaction



A compound that results from metals reacting with oxygen

Metal oxide



A man-made product made using chemical reactions

Answer all the questions below:

1) Unscramble the following words:

oxidation

endothermic

exothermic

particle

2) Make three sentences using the following nine words or phrases:

combusting fuels

oxidation

chemical reaction

exothermic

combining material

mass of products

heat energy

oxygen

and reactant

3) Match the word or phrase with the right meaning:

Synthetic

A man-made product made using chemical reactions

Chemical reaction

The process by which reactants and products combine

Metal oxide

A compound that results from metals reacting with oxygen

# 9H Using chemistry

## complete the sentence

Science Interactive LTD. PO BOX 50764 LONDON NW6 9AT email: sales@science-interactive.co.uk

web: www.science-interactive.co.uk

Place the right word or words to complete the sentence:



Click mouse to reveal answer

link

plastics

energy

oxygen

combustion

products

mass

fuels

ignite

- Exothermic reactions give out \_\_\_\_\_, whilst endothermic reactions take in energy from the surroundings.
- When a metal reacts with \_\_\_\_\_ it forms its oxide.
- Crude oil is a mixture of different \_\_\_\_\_ which can be separated by fractional distillation.
- Petrol is a good fuel, because its cheap, easy to \_\_\_\_\_ and store.
- The products formed during \_\_\_\_\_ of a fuel are water and carbon dioxide.
- In a reaction, new \_\_\_\_\_ are formed from reactants forming new bonds.
- When copper reacts with oxygen, it gains \_\_\_\_\_.
- New materials like \_\_\_\_\_ (polythene) can be made from crude oil.
- French Antoine Lavoisier first made the \_\_\_\_\_ between combustion and oxygen.

# 9H Using chemistry

## complete the sentence

Science Interactive LTD. PO BOX 50764 LONDON NW6 9AT email: sales@science-interactive.co.uk

web: www.science-interactive.co.uk

Place the right word or words to complete the sentence:

link

plastics

energy

oxygen

combustion

products

mass

fuels

ignite

- a) Exothermic reactions give out energy, whilst endothermic reactions take in energy from the surroundings.
- b) When a metal reacts with oxygen it forms its oxide.
- c) Crude oil is a mixture of different fuels which can be separated by fractional distillation.
- d) Petrol is a good fuel, because its cheap, easy to ignite and store.
- e) The products formed during combustion of a fuel are water and carbon dioxide.
- f) In a reaction, new products are formed from reactants forming new bonds.
- g) When copper reacts with oxygen, it gains mass.
- h) New materials like plastics (polythene) can be made from crude oil.
- i) French Antoine Lavoisier first made the link between combustion and oxygen.