

7F Simple chemical reactions

literacy in science

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web: www.science-interactive.co.uk

Answer all the questions below:



Click mouse to reveal answer

1) Unscramble the following words:

busmtcoion

retaacnts

wen duprocts

rosicoron

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

reactants combine
metal
combustion of a fuel

to form
strong acid
produces

new products
hydrogen gas
carbon dioxide gas

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

Combustion



The starting materials of a chemical reaction

Reactants



The process of reactants combining to form new products

Chemical reaction



The burning of a fuel or material with oxygen

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new products

corrosion

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Chemical reaction



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complete the sentence

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Place the right word or words to complete the sentence:



Click mouse to reveal answer

combust

test

hydrogen

changes

colour

coal

products

gas

equation

- During a chemical reaction, new_____ are formed.
- During a chemical reaction_____ occur for example heat energy is produced.
- To show what happens during reaction, we use a chemical _____ .
- A sign of a chemical reaction is a_____change.
- When reactive metals are added to acid,_____ gas is given off.
- The____for hydrogen gas is the 'squeaky-pop test.
- When metals _____in air they form their oxide.
- A fuel like____, oil or gas is a store of chemical energy.
- Bubbling carbon dioxide____ through limewater turns it milky white.

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complete the sentence

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combust

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- a) During a chemical reaction, new products are formed.
- b) During a chemical reaction changes occur for example heat energy is produced.
- c) To show what happens during reaction, we use a chemical equation.
- d) A sign of a chemical reaction is a colour change.
- e) When reactive metals are added to acid, hydrogen gas is given off.
- f) The test for hydrogen gas is the 'squeaky-pop test.
- g) When metals combust in air they form their oxide.
- h) A fuel like coal, oil or gas is a store of chemical energy.
- i) Bubbling carbon dioxide gas through limewater turns it milky white.