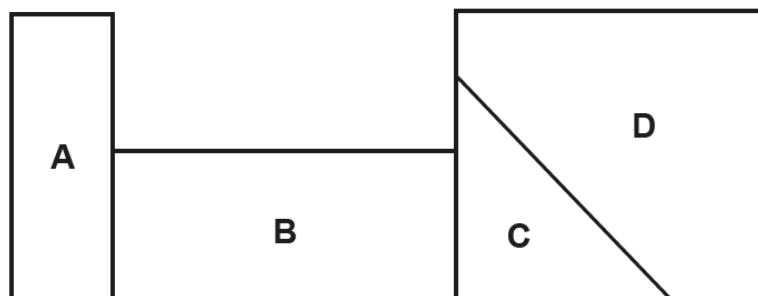


Name:

Class:



This is a section of the Periodic Table.



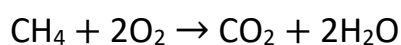
In which section of the Periodic Table would you find non-metals?

DLead nitrate contains lead ions, Pb^{2+} , and nitrate ions, NO_3^- .

What is the formula for lead nitrate?

 $\text{Pb}(\text{NO}_3)_2$

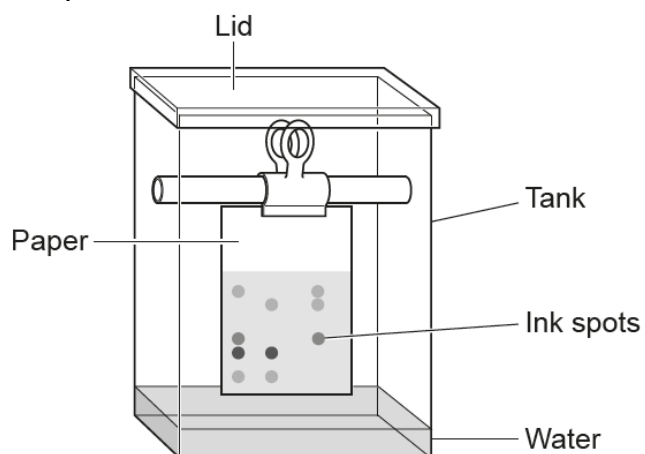
Look at the equation.



Which substance is oxidised in this reaction?

 CH_4 or methane

A forensic scientist is investigating the ink that has been used to forge the signature on a cheque.



What is the mobile phase in this experiment?

Water

Explain how paper chromatography separates the colours in ink.

Idea that different inks move across the paper at different speeds.**Accept chromatography separates substances based on solubility.**

What is the name of the gas made when zinc carbonate reacts with hydrochloric acid?

Carbon dioxide/ CO_2

What element is in group 2 and period 3 of the periodic table?

Magnesium/ Mg

Look at the equation for a reaction.



What is the meaning of (s) in the equation?

Solid

Describe a test to show that a gas is oxygen.

Test: glowing splint.**Result: if the gas is oxygen the splint will relight or reignite.**

What is diffusion?

Diffusion is the movement of a substance from an area of high concentration to an area of low concentration. Moving down the concentration gradient.