

1) The ends of the sentences below have been mixed up. Match the beginning with the correct end of each sentence, and write them in your jotter:

The pH of a liquid...	...a high pH (13 or 14)
A very acidic solution...	...the pH goes down
A very alkaline solution has...	...a low pH (1 or 2)
When water is added to an acid...	...tells how acidic or alkaline it is
When water is added to an alkali...	...the pH goes up

(5)

2a) Name three acids that we use in science (3)

2b) Name three alkalis that we use in science (3)

3) Complete the following equations by adding the missing words to complete them:

Acid + Alkali	→	_____ + _____
Nitric Acid + Sodium Hydroxide	→	_____ + _____
Hydrochloric Acid + Potassium Hydroxide	→	_____ + _____
Sulphuric Acid + Lithium Hydroxide	→	_____ + _____
_____ + _____	→	Sodium Chloride + Water
_____ + _____	→	Potassium Sulphate + Water
_____ + _____	→	Lithium Nitrate + Water

(7)

Total marks = 18