

1. Complete the following word equations on neutralisation.

hydrochloric acid + lithium hydroxide → a) ..... + b) ..... 2

nitric acid + nickel carbonate → c) ..... + water + d) ..... 2

e) ..... + f) ..... → magnesium sulphate + water + carbon dioxide 2

2. List four damaging effects of acid rain.

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..... 4

3. List 3 gases which form acids when dissolved in water 3

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4. Nitrogen and oxygen combine to make a gas which forms acid rain in car engines.

a) What is also required for nitrogen and oxygen to combine to make an acid rain gas? 1

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b) What is fitted to car to remove this gas from car exhaust fumes? 1

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total  
15