7E End of Unit Test

| Name | Class |
|--|------------------------|
| Put a circle around the three things in this list that tap water sugar orange juice salt | are acidic. |
| vinegar flour lemonade mineral water | |
| | [3 marks] |
| A = B C | |
| Which of these hazard warnings means that a chem | nical: |
| a is flammable | |
| | [1 mark] |
| b is poisonous | |
| | [1 mark] |
| c is corrosive | |
| | [1 mark] |
| d is an irritant? | |
| | [1 mark] |
| e What does 'flammable' mean? | |
| | |
| | [1 mark] |
| f Which of the hazard symbols would you be most | t likely to find on a: |
| i concentrated acid? | |
| ii dilute acid? | |
| | |

[2 marks]

> End of Unit Test (continued)

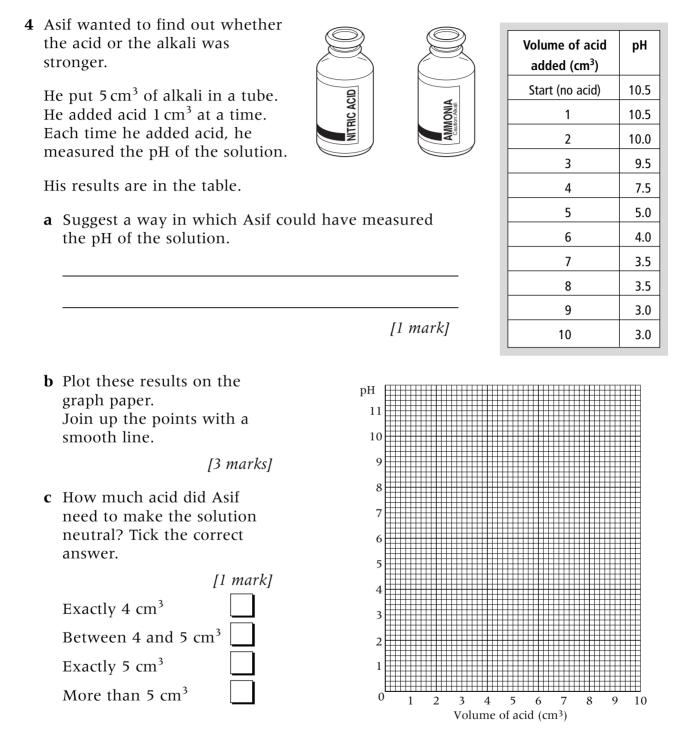
7E

- **3** Sarah tested a number of substances with red cabbage juice to see if they were acids or alkalis. She tried lemonade, tap water, toothpaste, vinegar and washing powder. When she mixed the lemonade with the red cabbage juice it went red.
 - **a** Name one other substance that would also make the cabbage juice go red.

| | | [1 mark] |
|---|---|----------|
| b | Name one substance in the list that is an alkali. | |
| | | [1 mark] |
| C | What name do we give to substances like red cabbage that can change when mixed with acids and alkalis? | colour |
| | | [1 mark] |
| d | Name another substance that Sarah could have used instead of red cab that would also change colour. | bage |
| | | [1 mark] |
| e | What colour would this substance be in an acid? | |
| | | [1 mark] |
| f | What name do we give to substances that are neither acid nor alkali? | |
| g | Sarah had a pen which had purple ink in it. She wondered if the ink is work as an indicator. Explain how she could do a simple test to find o | 0 |

[2 marks]

7E End of Unit Test (continued)



d Which was stronger, the acid or the alkali? Explain your reasoning.

[2 marks]