

Name:



Date :

Grade: 6

Revision Worksheet

Cedar House School

Exercise 1:

Foods are either acidic or basic.

Classify the following substances into acid, base and neutral.

| Substances | pH | Acid base or neutral |
|--------------|-----|----------------------|
| Baking soda | 8.3 | |
| Orange juice | 3.5 | |
| Bleach | 11 | |
| Blood | 7.3 | |
| Dish soap | 8 | |
| Vinegar | 2.5 | |
| Stomach acid | 2 | |
| Water | 7 | |

Exercise 2:

Clara went to the laboratory to identify 2 unknown substances: substance (X) and substance (Y).

She added phenolphthalein to substance (X) it turned into a pink color.

However to test the nature of substance (Y) she added blue bromothymol and a yellow color appears.

Identify the nature of substances (X) and (Y).

Substance (X) is a substance since when she added the a color appeared.

Substance (Y) is an substance since when she added the blue a color appeared.

