

Properties of Acids + Bases

- ①
- | | |
|---------|---------|
| a) base | e) base |
| b) acid | f) acid |
| c) base | g) acid |
| d) acid | h) base |

- ②
- | | |
|------------------------|----------------------|
| a) potassium hydroxide | e) ammonia |
| b) chloric acid | f) hydrochloric acid |
| c) magnesium hydroxide | g) acetic acid |
| d) nitric acid | h) sodium hydroxide |

③ If red litmus turns blue, it is a base. If blue litmus turns red, it is an acid.

④ A measure of how acidic or basic a solution is.

- ⑤
- a) ~ 14
 - b) ~ 8
 - c) ~ 0
 - d) ~ 6
 - e) ~ 7

- ⑥
- a) 10x
 - b) 100x

⑦ a) 100 x

b) 10 000 x

⑧ The pH would move closer to 7.

⑨ The toothpaste needs to neutralize the acid in your saliva that damages tooth enamel.