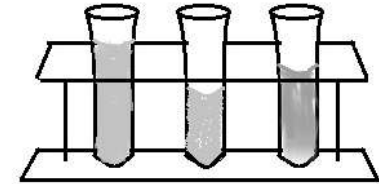


Differentiate between acids and bases.



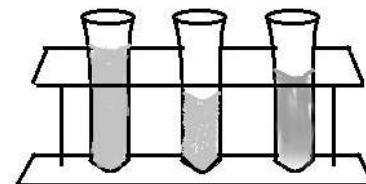
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1 2 3 4 5 6 7 8 9 10 11 12 13 14

Differentiate between acids and bases.



Acid Rain

Water

Baking Soda

Lemon Juice

Blood

Milk of Magnesia

Vinegar

Rain

Toilet Bowl
Cleaner

ACID

NEUTRAL

BASE

1 2 3 4 5 6 7 8 9 10 11 12 13 14

Use litmus paper to test the pH of common household liquids. Here is a way to make litmus paper if you do not have any available. Boil red cabbage slices for half an hour in a closed container. The resulting liquid is an acid/base indicator which turns red with acidic substances and green with base substances. You can make litmus paper by soaking index cards in the cabbage solution and letting them dry. Cut the cards into strips to use as litmus paper.

Chemistry 12 Information Pieces

ACID C-12
NEUTRAL C-12
BASE C-12
Acid Rain C-12
Lemon Juice C-12
Vinegar C-12
Water C-12
Blood C-12
Rain C-12
Baking Soda C-12
Milk of Magnesia C-12
Toilet Bowl Cleaner C-12

To Make Your MatchCard more durable:

- 1. Put the student MatchCard and instructor MatchCard back to back in a clear plastic page protector.*
- 2. Laminate the information pieces. Or you can make them sturdier by covering the paper with transparent tape prior to cutting the pieces out.*
- 3. For more ideas on how to use the MatchCards, and for keeping a notebook for review, see the Instructor's Guide.*