

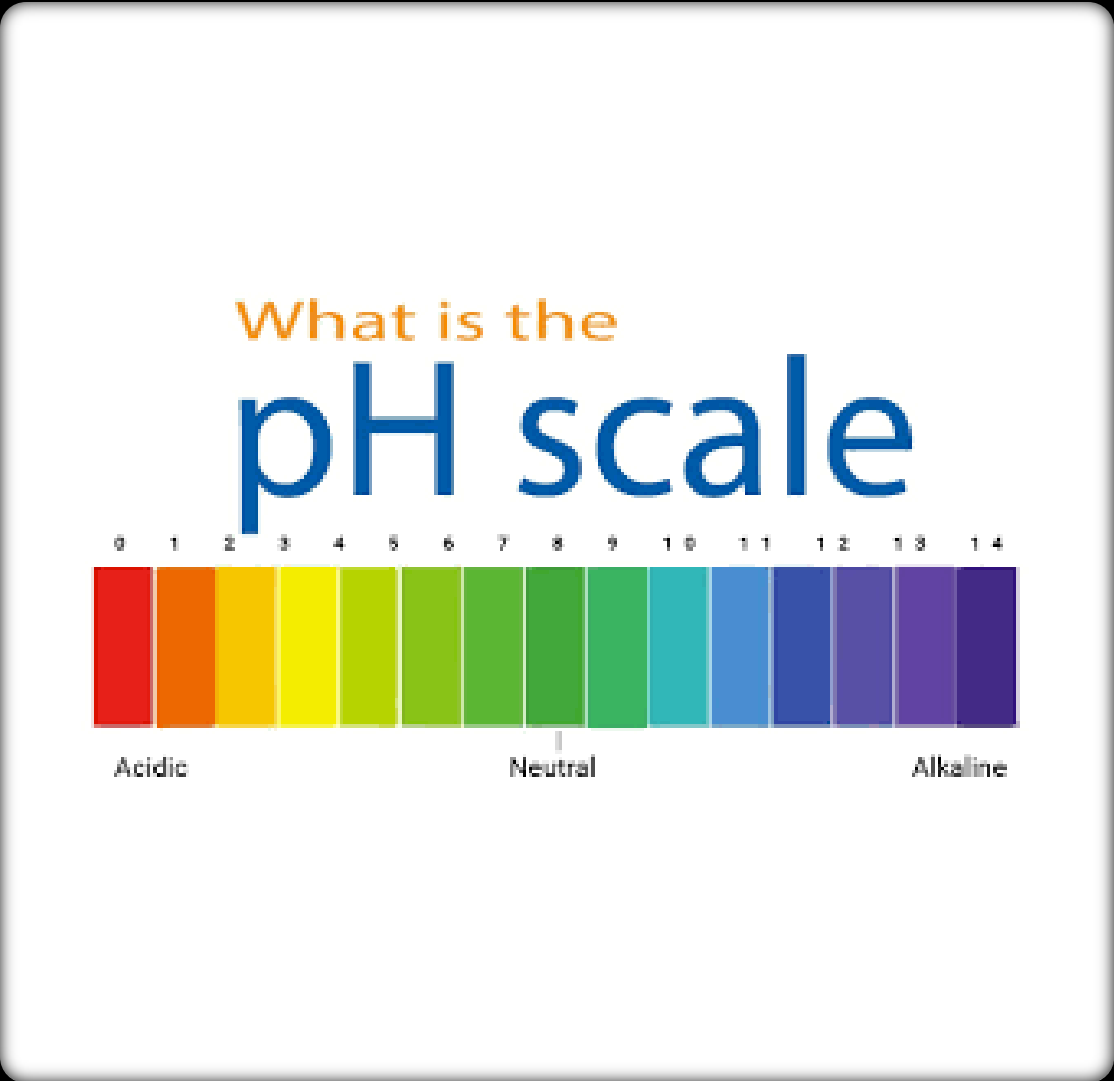
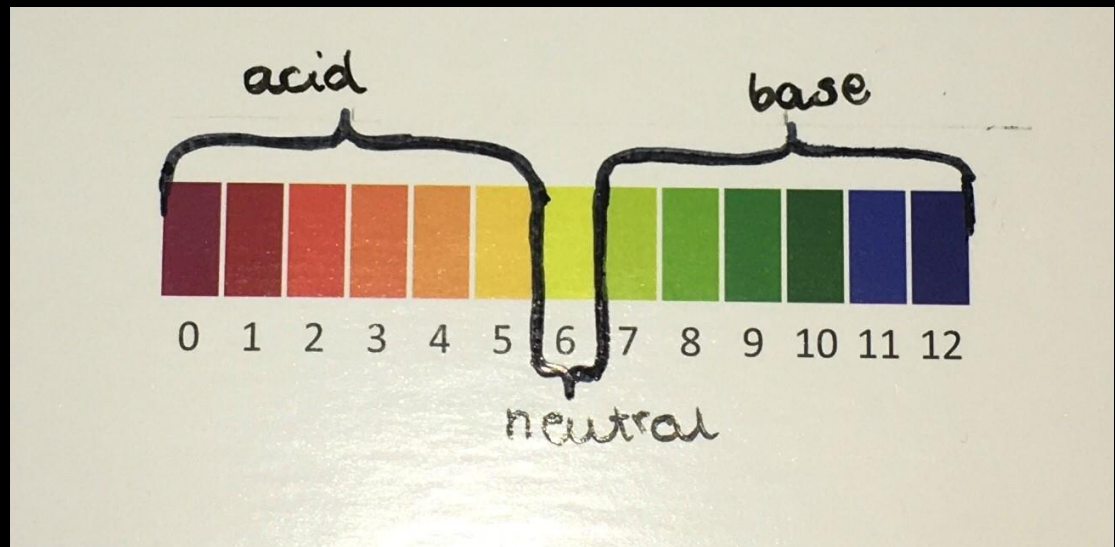


DO I USE MORE ACIDS OR BASES IN OUR EVERYDAY MORNING ROUTINE?

Jagoda Szwed 2A

WHAT IS THE PH SCALE?

pH scale is a measure of how acidic or basic or water (neutral) is. The range goes from 0 - 14, or from 0 - 12 in scale which i used.



WHAT HAVE I NEEDED TO DO THE EXPERIMENT?

- Six universal papers
- Shampoo
- Shower gel
- Face serum
- Nail conditioner
- Perfume mist
- Perfume
- White paper
- Black pen
- PH scale for universals papers





1. Preparation to the experiment
2. Conducting the experiment
3. Observation and comparison with the hypothesis
4. Results according to the observation

PROCESS OF THE EXPERIMENT



DO WE USE MORE ACIDS OR BASES IN OUR EVERYDAY MORNING ROUTINE?

HYPOTHESIS/GOAL

Hypothesis:

I think in my bathroom there are more cosmetics with acid pH than about base or neutral pH.

Goal:

My goal is to check the correctness of my hypothesis.

RESULTS

According to the results of my experiment in my bathroom the most are cosmetics with pH neutral but also in my bathroom we can find cosmetics with acid pH.

But in my bathroom we won't find any cosmetics with base pH

CONCLUSIONS/ WHAT SURPRISED ME?

I wasn't surprised when my face serum turned out to have acid pH because it contains:

- 2% of glycolic acid
- 2% of almond acid
- Gluconolactone

But it surprised me that my nail conditioner turned out to have acid pH, also I was sure that my perfume and perfume mist will turn out to have acid pH but unexpectedly my shower gel has acid pH while my perfume and perfume mist turned out to be natural.

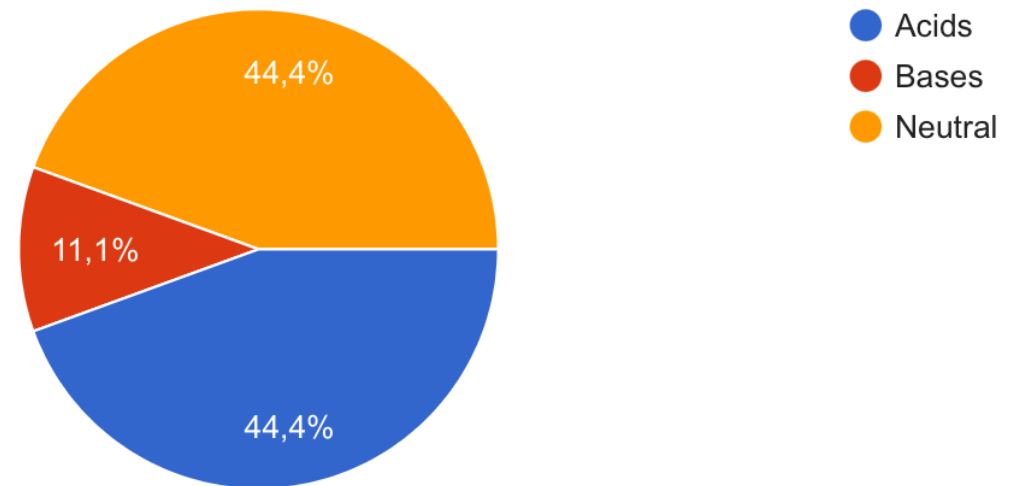
Goal:

WHAT OTHERS THOUGHT ABOUT THE RESULTS OF THE EXEPRYMENT?

- 44,4% of the respondents ansered that the most our cosmetics have neutral pH
- 44,4% of the respondents ansered that the most our cosmetics have acid pH
- Only 11,1% of the respondents ansered that the most our cosmetics have base pH

Do you think our cosmetics are more bases, acids or maybe They are neutral?

9 odpowiedzi



MY UNIVERSAL PAPERS AND MY PH SCALE

I had six universal papers and a special pH scale just for them which is from 0 to 12 not like the most popular and known pH scale which is from 0 to 14. Both of these products I had from a chemical kit (Laboratorium Chemiczne).

The scale is from 0 to 12 because other mixtures are used in this universal papers, also this kit is for teenagers and kids not for adults, so the producer of the kit must use other mixture of indicators.

UNIVERSAL

12+

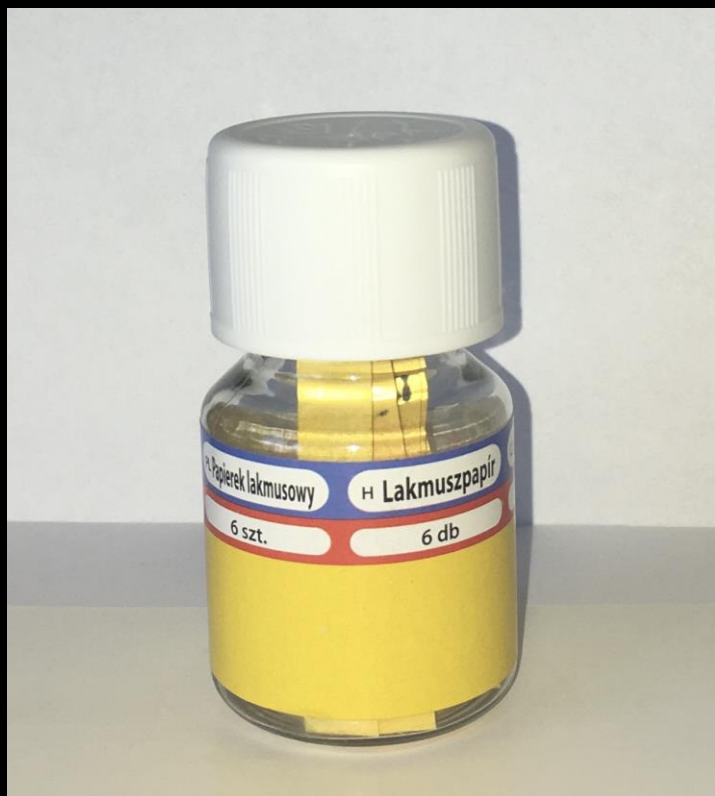
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100
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experimenty
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universal papers from my
chemical kit

pH scale from my chemical
kit





THANK YOU FOR YOUR
ATTENTION