STEAM.KZ

Laboratory Work #1

pH calculations and measurements

Student's full name

_____

Class _____

School _____

Teacher's full name

_____

Date _____

Purpose (briefly write the purpose of the laboratory work):

Hypothesis (Write an assumption for laboratory work):

Introduction (write down the necessary theoretical data on laboratory work):

MATERIALS (write down which materials, installations you used during the experimental work for each experiment separately):

THE PROCEDURE FOR PERFORMING LABORATORY WORK (For each experiment separately):

Results section:

Use the following formulas for pH caluclations:

For acids: pH = - log [HCl]

For bases: pH = 14 - log [NaOH]

Write down all the calculations you did:

Discussion of the results (Explain the results you have obtained and link them to the theory):

Conclusion (Draw conclusions about the work done):