STEAM.KZ

Laboratory Work №7

"Identify floating condition"

Student's full name

_____

Class _____

School _____

Teacher's full name

_____

Date _____

Purpose *(briefly write the purpose of the practical work):*

Hypothesis *(write an assumption for practical work):*

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

MATERIALS *(write down which materials, installations you used during the practical work):*

THE PROCEDURE FOR PERFORMING PRACTICAL WORK
(for each experiment separately):

Data *(write the results in the table below)*

№	Volume V, ml	Archimedes' force, F_A, N	Weight P, N	Weight with error P±ΔF, N	P to F_A fraction	Behavior of the tube in water
1						
2						
3						

Draw the picture.

Discussion of the results *(discuss the results that you obtained in the experiment and answer the questions)*

1) *What is the floating condition for the body?*

2) *When a body floats at the surface of the liquid, what forces act on the body? Which of them is bigger?*

Conclusion *(draw conclusions about the work done):*