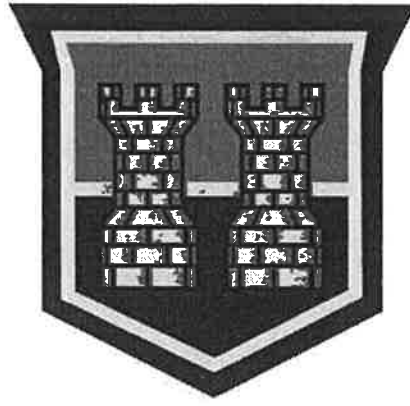




Poynton High School

Year 6

Science Transition

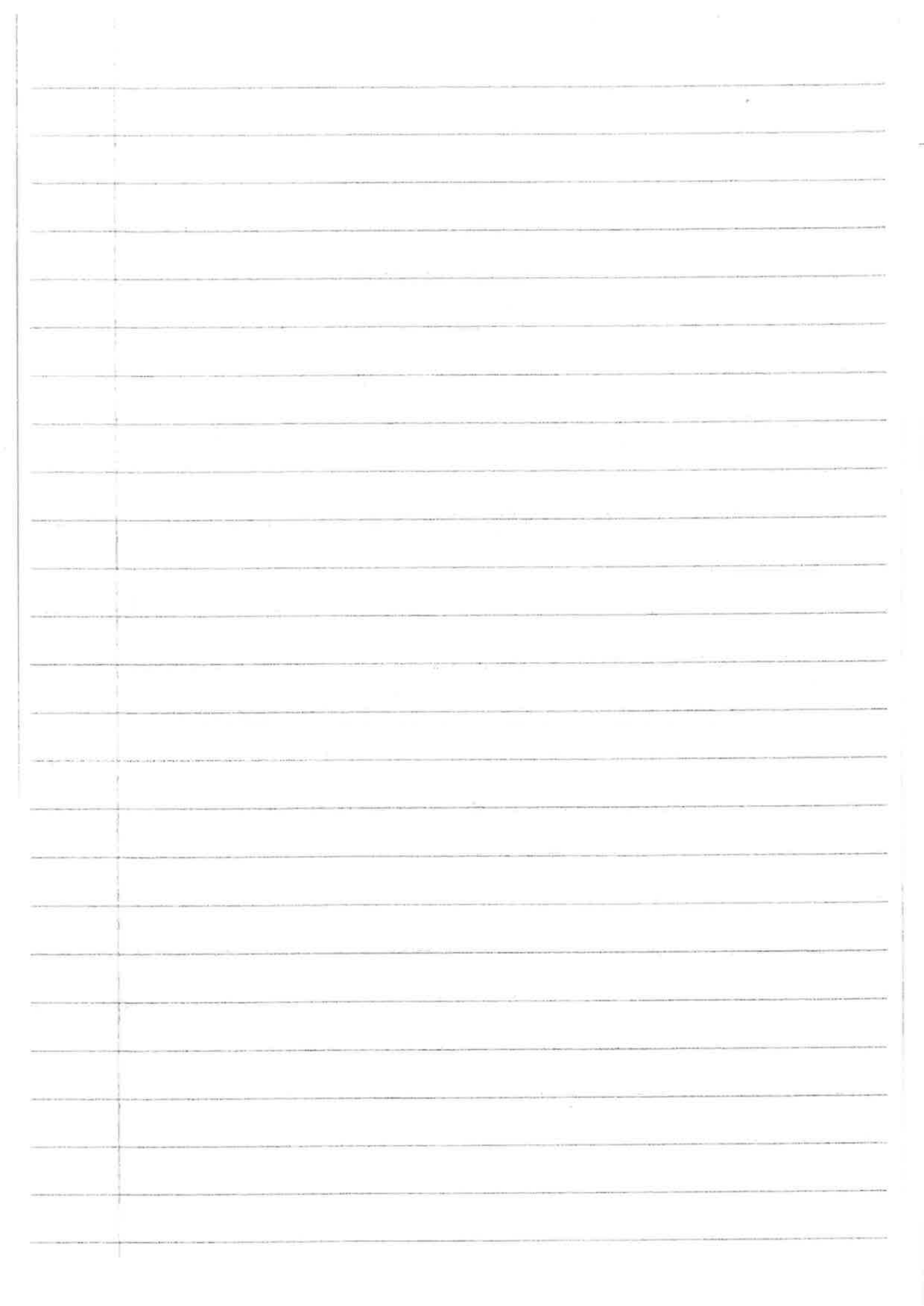
Student Booklet

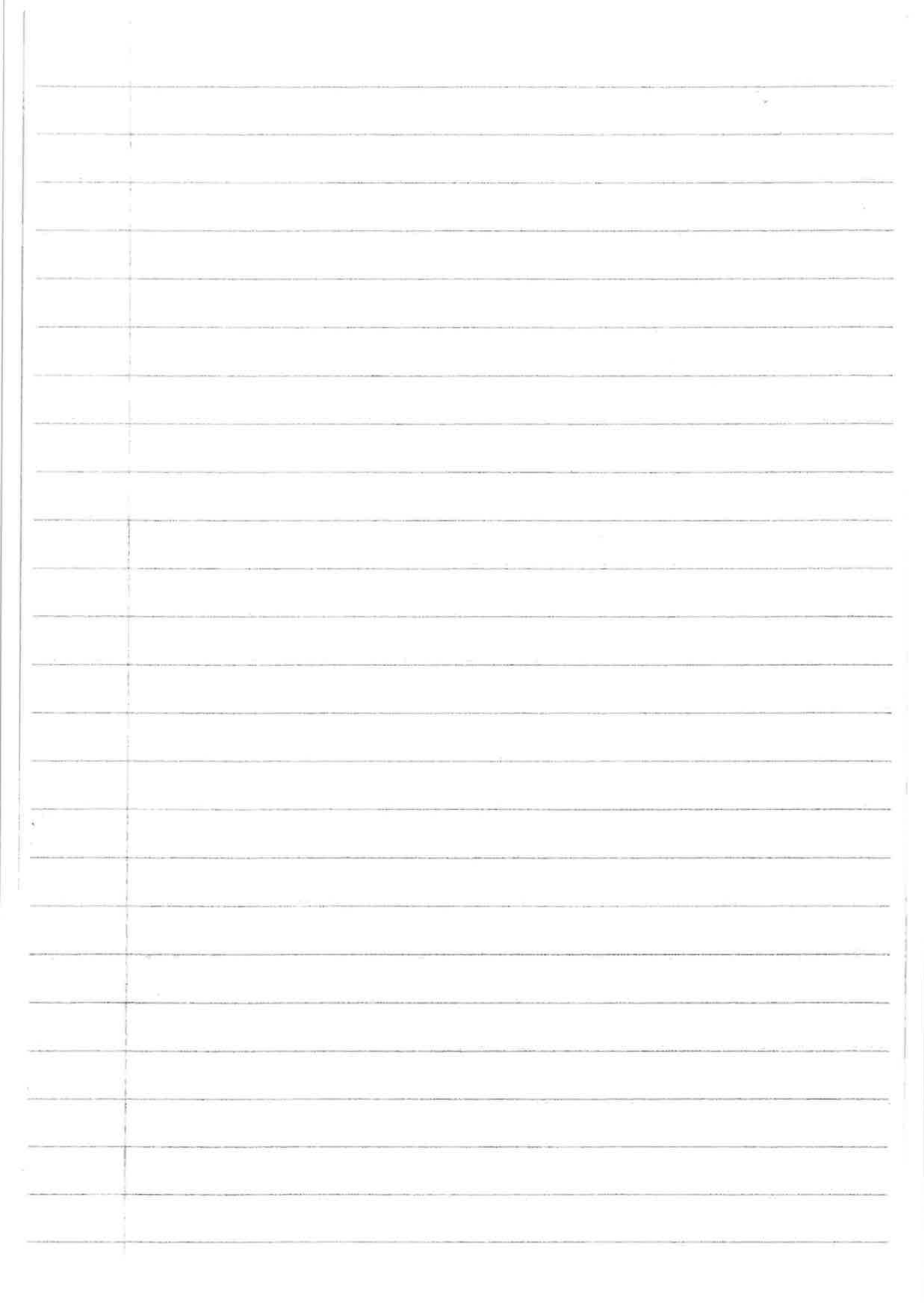
Write your name in the box below;

INSPIRE

ACHIEVE

CELEBRATE





Things that might affect bubbles**Things about bubbles we would observe or measure****Our question will be:**

What happens to _____

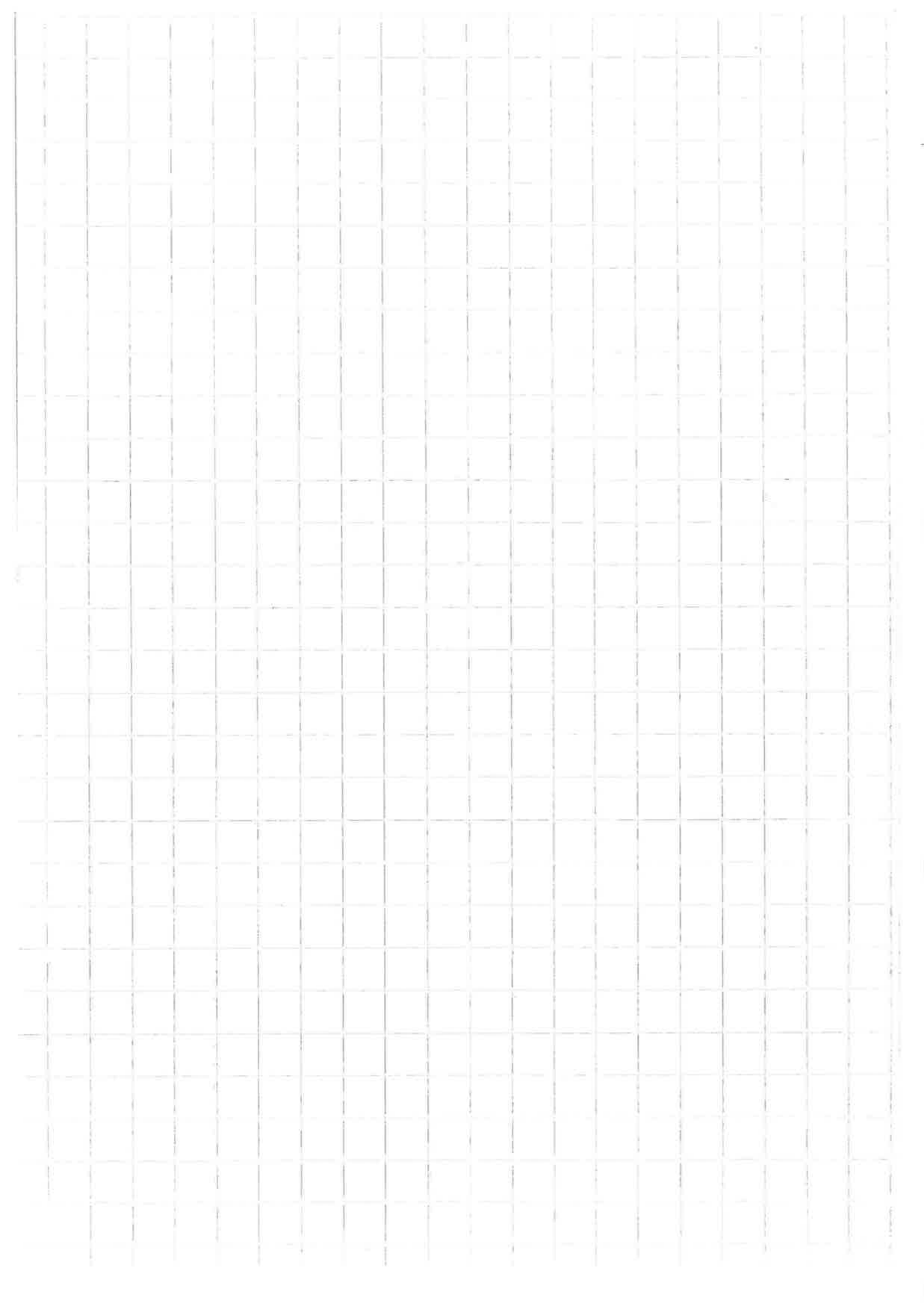
When we change _____

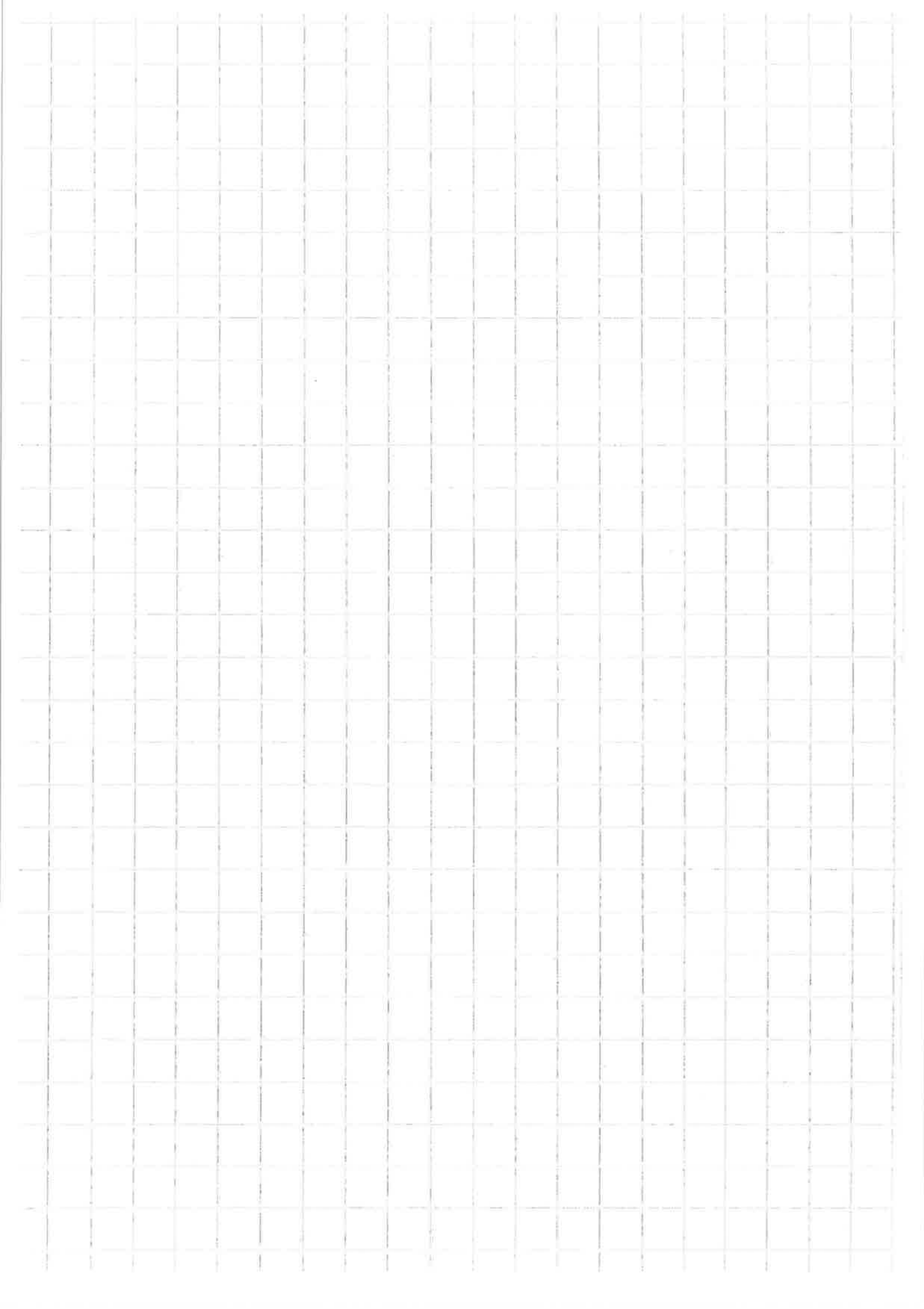
We will change: _____**We will measure:** _____**Therefore we must keep these things the same:** _____**We predict that as we change** _____ **, we will find that**_____ **. This will happen****because** _____

We will carry out our investigation like this:

We will record our results like this:

[illegible]





Things that might affect bubbles

Type of detergent, size of wand, the shape of the wand, strength of blow, amount of detergent, things added to the detergent

Things about bubbles we would observe or measure

The size of the bubble, the length of time the bubble lasts, the colour of the bubble, the shape of the bubble

Our question will be:

What happens to **the length of time the bubble lasts** when we change the amount of detergent that we add to the water?

We will change: the amount of detergent **we add to the water.**

We will measure: the length of time the bubble lasts before it pops.

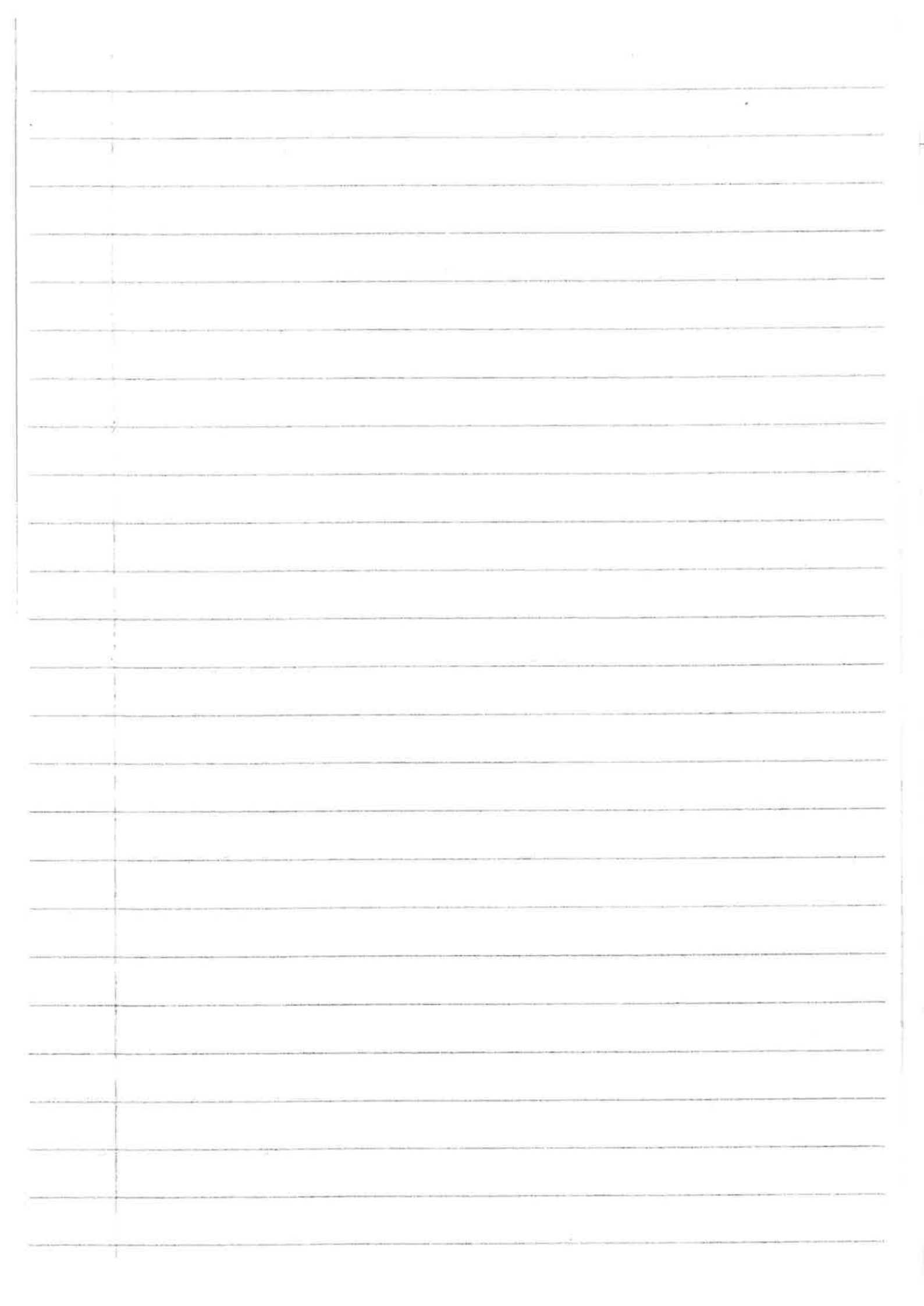
Therefore we must keep these things the same: Type of detergent, size of wand, the shape of the wand, strength of blow, things added to the detergent.

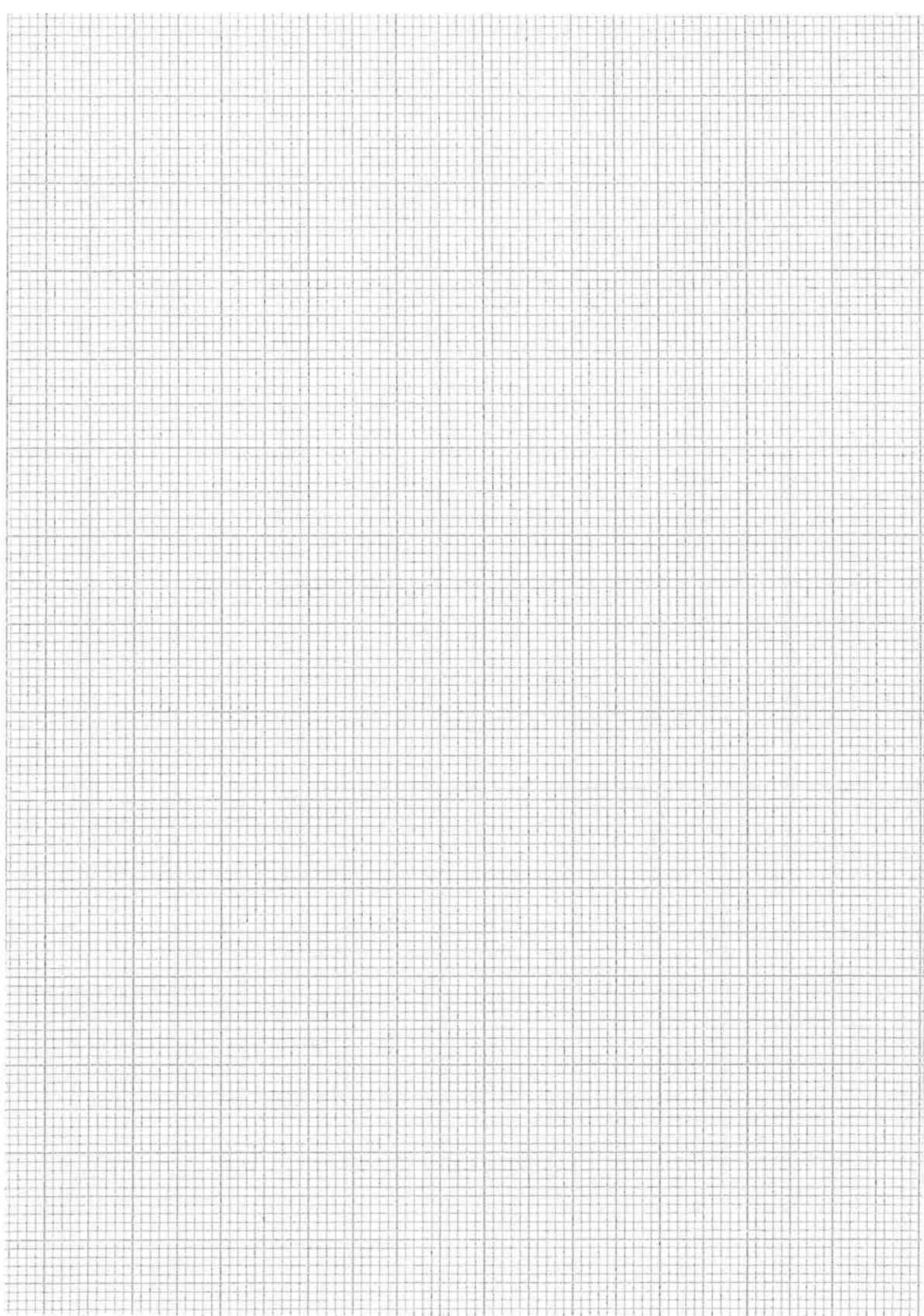
We predict that as we change the amount of detergent that we add to the water, we will find that the bubbles will last longer. This will happen because the surface tension of the water has been increased.

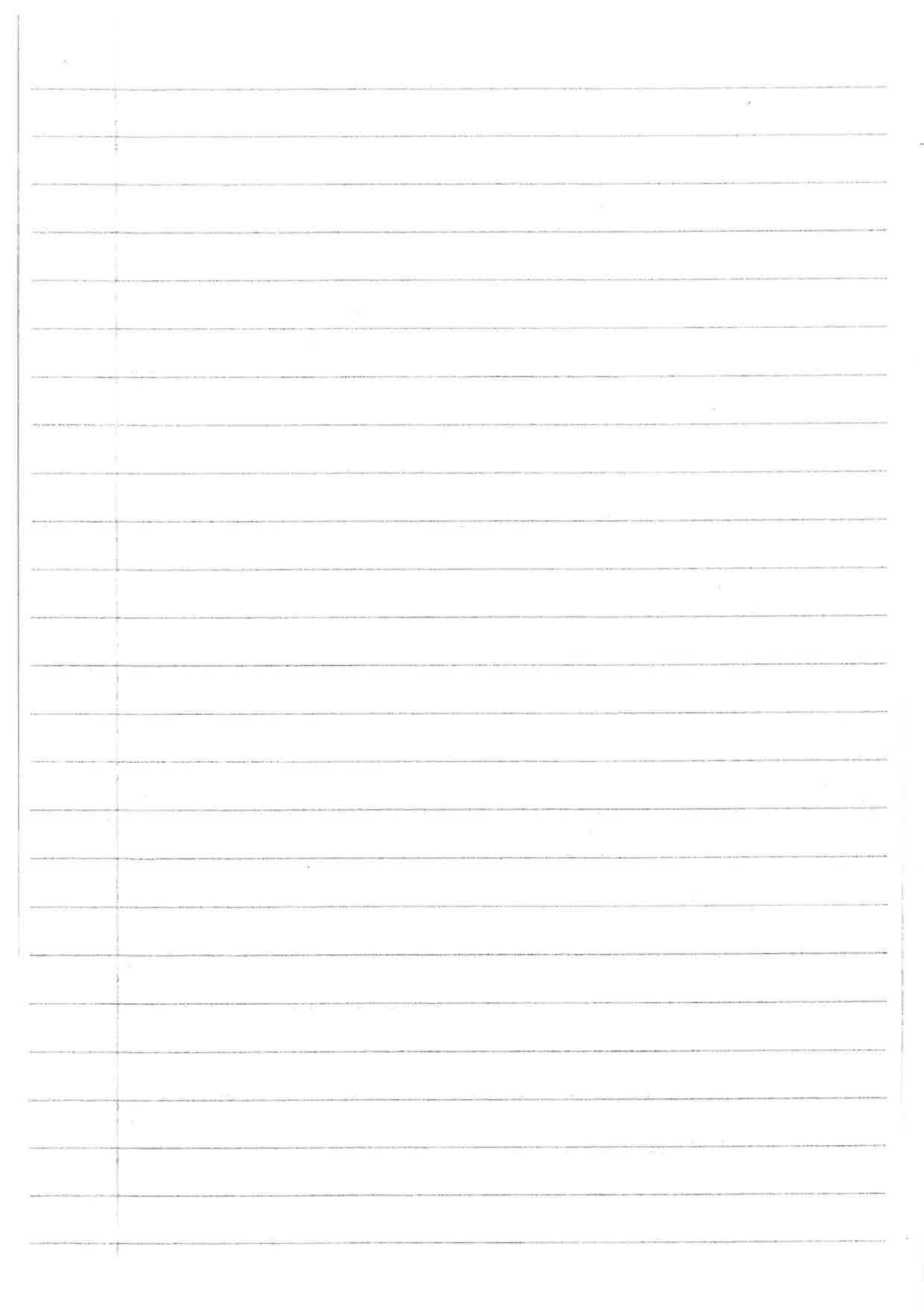
We will carry out our investigation like this:

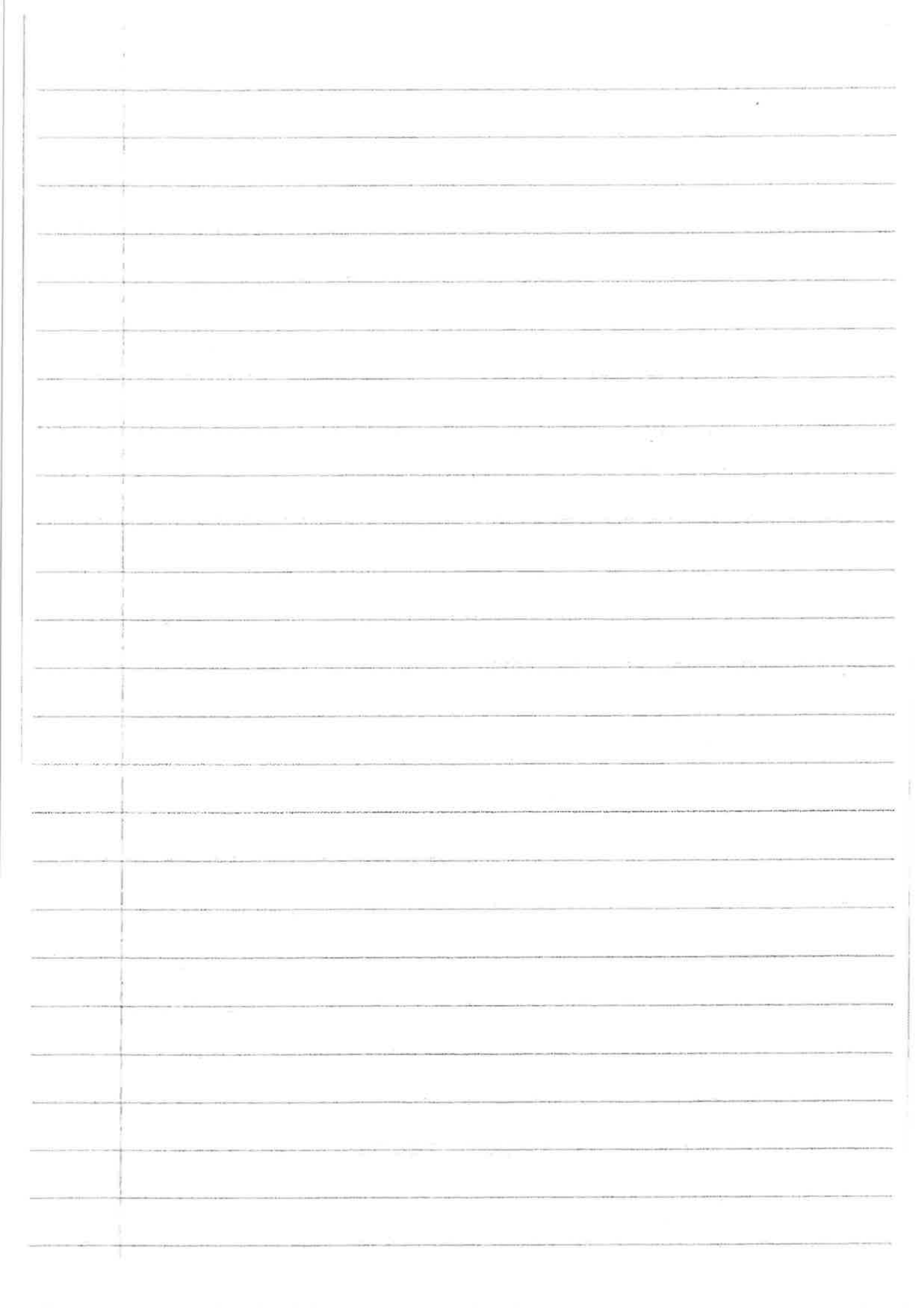
We will record our results like this:

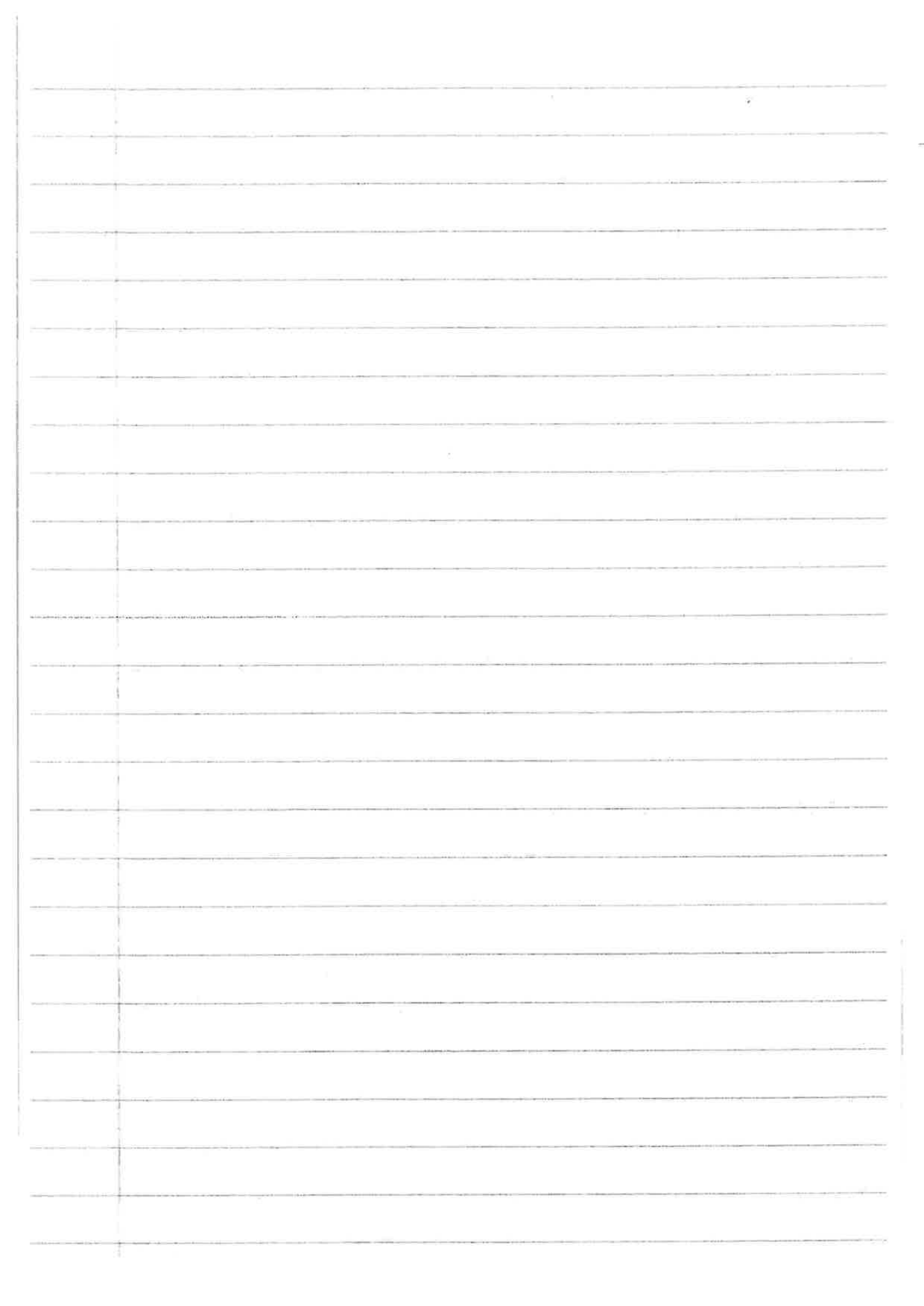
[illegible]











Bubbles

Research assistant self-assessment sheet

Company Name:	I did this	
	Completely on my own	With help
Research assistant name:	Date:	
I would identify what to change, keep the same and measure in our 'best' bubble experiment.		
I predicted what might happen and explained this by talking about the science I know already.		
I was able to make and repeat measurements accurately.		
I was able to use my results from the 'amount of detergent' experiment to draw a line graph .		
I compared what I had changed with what I had measured and used evidence from the experiment to prove what I was saying.		
I was able to suggest how I might improve the methods we used to carry out our experiments and give reasons based upon evidence from our experiments.		

Summarise your experiment in no more than 2 sentences:	To improve my investigation skills I need to:	Tick
	Identify what can be changed, kept the same and measured	
	Predict what might happen and why	
	Work on taking measurements accurately	
	Suggest how to improve the experiment and why	
	Create a new experiment to expand on this one	

