

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

STUDENT #: \_\_\_\_\_ TEACHER: \_\_\_\_\_

**Investigation Sheet 1**

Record the steps in your procedure to test how long it takes the lava to flow across the plate.

1.	
2.	
3.	
4.	
5.	

Complete the following data table.

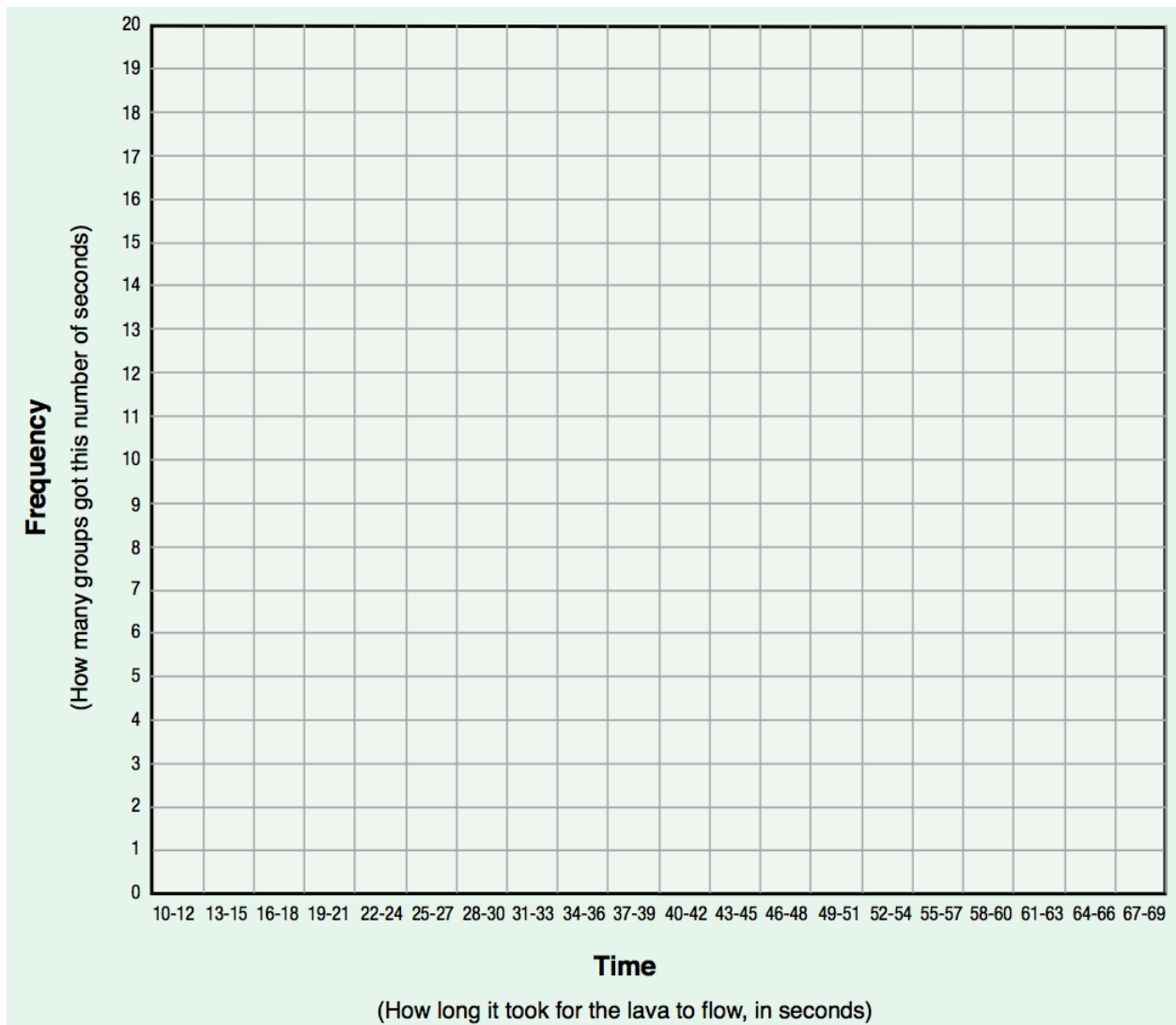
<b>Trial</b>	<b>Time it takes the lava to flow across the plate</b>
1	
2	
3	
4	
5	
6	

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

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## Results Graph 1

Place an X in the box above the number of seconds it took for each group's lava to flow across the plate (starting with Row 1). If more than one group gets the same result, place the X in the next row above the number of seconds.



NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

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### Investigation Sheet 2

Record the steps in your procedure to test how long it takes the lava to flow across the plate

1.	
2.	
3.	
4.	
5.	

Complete the following data table.

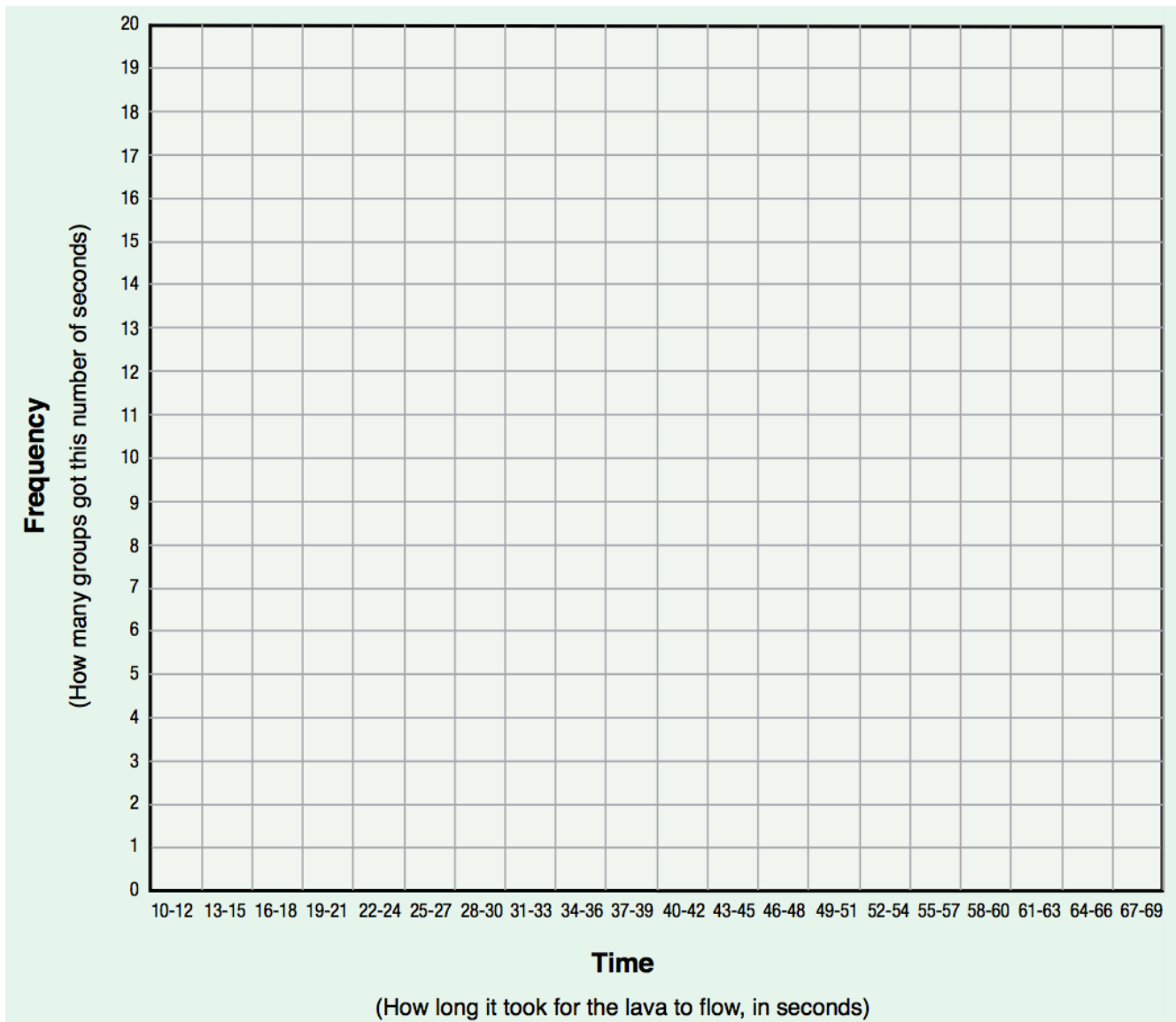
Trial	Time it takes the lava to flow across the plate
1	
2	
3	
4	
5	
6	

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

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### Results Graph 2

Place an X in the box above the number of kits that each group packaged (starting with Row 1). If more than one group gets the same result, place the X in the next row above the number of kits.



NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

STUDENT #: \_\_\_\_\_ TEACHER: \_\_\_\_\_

**Letter to the Town Council**

Date: \_\_\_\_\_

Dear Town Council Members,

My class recently completed several investigations in order to measure lava flow.

During our investigations, we created a model of lava flow using plates and dish soap.

Our last investigation produced more consistent data. Our evidence for this is:

\_\_\_\_\_

Some of the variables we needed to control in our investigations included:

\_\_\_\_\_

\_\_\_\_\_

You should hire us for this job because we know how important it is to write and follow clear procedures. By following a standardized procedure, \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Sincerely,

\_\_\_\_\_

