

Name: \_\_\_\_\_

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

### Investigation 3.3: How Expensive Is Your Name?

#### Assessment

1. Jose collected first names from his family and friends. Table 3.3.1 shows the first names and their lengths. Determine the amount of money it would cost for each family member to have their first name sewn on a T-shirt with a cost of 4 cents per letter and complete the last column in Table 3.3.1.

**Table 3.3.1 Cost to Sew on First Name**

	Family and Friends First Name	Number of Letters in First Name	Cost to Sew on First Name
1	Hector	6	
2	Amada	5	
3	Che	3	
4	Ricardo	6	
5	Camila	6	
6	Roberto	7	
7	Carlos	6	
8	Raymundo	8	
9	Gabriela	8	
10	Diego	5	
11	Tia	3	

2. Find the mean, median, and mode of the number of letters.

	Number of Letters	Cost of Letters
Mean		
Median		
Mode		

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3. Use words, numbers, and graphs to explain how the mean, median, and mode of the number of letters compare to the mean, median, and mode of the cost of the letters. A dotplot of each data set should be included with the location of the mean, median, and mode labeled on the graph.