



**Part C**

Is the relationship between **bridge length** and **breaking weight** linear or non-linear?

\_\_\_\_\_

In the table you can see this because

\_\_\_\_\_

In the graph you can see this because

\_\_\_\_\_

**Part D**

Use your data to predict the breaking weights for bridges of lengths 3, 5, 10, and 12 inches.

<b>Length</b>	<b>3</b>	<b>5</b>	<b>10</b>	<b>12</b>
<b>Breaking Weight</b>				

**Part E**

The bridge thickness and length experiments are the same because

- \_\_\_\_\_

The bridge thickness and length experiments are different because

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_