

Problem 1.1**Part A**

Bridge Thickness	Number of coins
1	
2	
3	
4	
5	

Part B**Part C**

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

In the table you can see this because _____

In the graph you can tell because _____

Part D

The breaking weight for a 2.5 layer thick bridge would be about _____. I predicted this since _____

Part E

1. The breaking weight for a 6 layer thick bridge would be about _____. I predicted this since _____

2. After testing your prediction, why might your prediction not match the test results? _____
