



## Student Sheet 2: Glucose in Balance

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

### Model Board Pieces and Organs:

Player	Game piece	Function
Glucose		
Glycogen		
Insulin		
Glucagon		
Organ		Role
Pancreas		
Liver		
Muscles		
Fat cells		
Brain		

### Glucose in Balance

1. When our blood glucose is high, the \_\_\_\_\_ releases \_\_\_\_\_.
2. When our blood glucose is low, the \_\_\_\_\_ releases \_\_\_\_\_.
3. Define homeostasis:

Using Figure 1, answer the following questions:

4. What kind of food might be represented by Line A?
5. What kind of food might be represented by Line B?
6. How would insulin release be different for Lines A and B?

