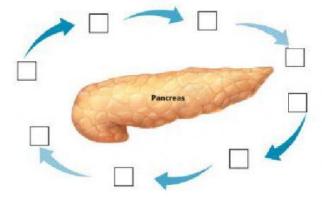
## **Body Systems and Homeostasis**

## Short Answer question aligned with SAT

 Using the diagram below: fill in the blank the correct number showing the chronological sequence of the glucose regulation negative feedback loop in the blood.



- 1. The pancreas secretes glucagon hormone
- Blood glucose increases which inhibits glucagon secretion
- 3. Glycogen is formed from glucose
- 4. The pancreas secretes insulin
- Glucose is formed from glycogen and non-carbohydrates
- Blood glucose level decreases which inhibits insulin secretion
- 7. When blood glucose is low
- 8. When blood glucose is high

