

# Problem Set 8

## Question 1

100 service times with a sample mean of 9 minutes and standard deviation of 6 minutes.

**Part A**

**Part B**

**Part C**

**Part D**

**Part E**

## Question 2

Part A

Part B

### Question 3

Part A

Part B

Part C

## **Question 4**

**Part A**

**Part B**

## Question 5

Part A

Part B