# Section 1

yogurt = read.csv(choose.files(),header=TRUE)

attach(yogurt)

# Section 2

par(mfrow=c(2,2))

hist(Q1)

hist(log(Q1))

hist(log10(Q1))

hist(sqrt(Q1))

# Section 3

model1 = lm(log10(Q1)~S1+S2+S3+S4+S5)

summary(step(model1, direction='backward'))

Start: AIC=-173.15

log10(Q1) ~ S1 + S2 + S3 + S4 + S5