Ch(7)

**Q 6.1**

For this data

1128 1190 1230 1260 1300 1100 1130 1200 1250 1310

Use the sign test to decide if the median amount of dust in the air is more than 1200 . use $α=0.05$

**Q 6.6**

Two varieties of tomato were grown under plastic house conditions. The fruit weight for independent . samples of fruit of two varieties gave

Variety1: 125 143 150 156 135 132 145 147

Variety2: 142 160 138 144 154 158 157 161

If we assume normaliy test whether there is a difference in the median fruit weights of the varieties use $α=0.05$.