1. You survey households in your area to find the average rent they are paying. Find the

standard deviation from the following data:

$1550, $1700, $900, $850, $1000, $950.

**Sum** = 1550 + 1700+900+850+1000+950 = 6950

**Mean** = 6950/6 = 1158

**Variance** = (1550 – 1158) \*\* 2 + (1700 -1158)\*\*2 +(900-1158)\*\*2 + (850-1158)\*\*2 +

(1000-1158)\*\*2+(950-1158)\*\*2/6

= 153664 + 293764+66564+94864+24964+43264/6 = 112847

**Standard Deviation = root of 112847 = 335.927**