16.2. Find the variance for the following set of data representing trees in California (heights in

feet):

3, 21, 98, 203, 17, 9

**Sum** = 3 + 21 + 98 + 203 + 17 + 9 = 351

**Mean** = 351/6 = 58.5

**Variance** = (3 – 58.5) \*\* 2 + (21 -58.5)\*\*2 +(98-58.5)\*\*2 + (203-58.5)\*\*2 +

(17-58.5)\*\*2+(9-58.5)\*\*2/6

= 3080.25 + 1406.25 + 1560.25 + 20880.25 + 1722.25 + 2450.25/6 = 5183.25