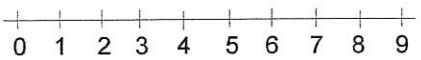
SECONDARY MATH III
STATISTICS UNIT
WS 12.6 STATISTICAL MEASURES

NAME _____
HOUR _____
DATE _____

5. 1, 1, 1, 4, 5, 5, 5, 6, 6, 6

a. Make a dotplot.



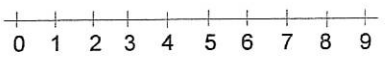
b. n = ...

c. $\bar{x}$ = ...

d. Complete the table at the right.

e. $\sum(x-x)^2 = ...$

f. $\text{variance} = s^2 = \frac{\sum(x-\bar{x})^2}{n-1} = \frac{.....}{.....} = ...$

g. s = ... 

x	$x-\bar{x}$	$(x-\bar{x})^2$
	$\sum(x-\bar{x})=$	$\sum(x-\bar{x})^2 =$

6. 0, 2, 3, 3, 4, 4, 4, 6, 10

a. Make a dotplot.

b. n = ...

c. $\bar{x}$ = ...

d. Complete the table at the right.

e. $\sum(x-x)^2 = ...$

f. $\text{variance} = s^2 = \frac{\sum(x-\bar{x})^2}{n-1} = \frac{.....}{.....} = ...$

g. s = ...

x	$x-\bar{x}$	$(x-\bar{x})^2$
	$\sum(x-\bar{x})=$	$\sum(x-\bar{x})^2 =$

NOTATION	SAMPLE	POPULATION
Standard Deviation	Textbook: s Calculator: s_x	Textbook: σ Calculator: σ_x
Variance	Textbook: s^2 Calculator: s_x^2	Textbook: σ^2 Calculator: σ_x^2