

22S:008 *Statistics for Business*, Quiz 5, Feb. 9

Name: _____ Solution _____ Section: _____

Signature: _____ TA: _____

A small set of data is given in the table below

1. The mean for these data is $6/3 = 2$
2. Find the standard deviation for these data.
Show all of your work. (You may not need all of the columns provided.)

$$s = \sqrt{\frac{2}{3-1}} = \sqrt{1} = 1$$

Data	$y - \bar{y}$	$(y - \bar{y})^2$		
2	$2 - 2 = 0$	0		
3	$3 - 2 = 1$	1		
1	$1 - 2 = -1$	1		
6	(0)	2		