

Table 6-1 Central Tendency and Variation in Democratic Thermometer Ratings:
Hypothetical Scenario A

Student	Democratic rating	Deviation from the mean	Squared deviation from the mean
1	20	-38	1,444
2	22	-36	1,296
3	34	-24	576
4	50	-8	64
5	56	-2	4
6	58	0	0
7	60	2	4
8	66	8	64
9	82	24	576
10	94	36	1,296
11	96	38	1,444
Summary information			
<i>Central tendency</i>		<i>Dispersion</i>	
Summation of ratings = 638		Summation of squared deviations = 6,768	
		Average of squared deviations (variance) = 615.3	
$N = 11$			
$\mu = 58$		$\sigma = 24.8$	