b. Standard Deviation (SD)

Table 4.1.2 The Standard Deviation of the Simple Present Tense of the Seventh Grade Students of MTs Negeri Kudus in the Academic Year 2011/2012 who are taught by Using PowerPoint.

No	Score	f	x'	fx'	$(x')^2$	$f(x')^2$
1.	55-59	5	-2	-10	4	20
2.	60-64	4	-1	-4	1	4
3.	65-69	10	0	0	0	0
4.	70-74	4	1	4	1	4
5.	75-79	5	2	10	4	20
6.	80-84	2	3	6	9	18
Total		**30**	**3**	**6**	**19**	**66**

Standard Deviation= SD= i $\sqrt{\frac{\sum fx'^2}{N} - \left[\frac{\sum fx'}{N}\right]^2}$

$= 5\sqrt{\frac{66}{30} - \left[\frac{6}{30}\right]^2}$

$= 5\sqrt{\frac{66}{30} - \frac{36}{900}}$

$= 5\sqrt{\frac{1980}{900} - \frac{36}{900}}$

$= 5\sqrt{\frac{1944}{900}}$

$= 5\sqrt{2.16}$

= 5 × 1.4696

= 7.348

= 7. 35

From the calculation above, the mean of the simple present tense of the seventh grade students of MTs Negeri Kudus in the academic year 2011/2012 who are taught by Using PowerPoint is 68 and standard deviation is 7.35.

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