

CHAPTER IV

THE RESULT OF THE RESEARCH

A. The Description of the Data

In this chapter, the writer will show the result of the students test score. The writer conducted experimental research. The writer takes 72 students at the second grade of MTs Negeri 1 Kota Serang in academic year 2017/2018. The goal of the research is intended to find out the accurate data in accord with the research title. The sample of this study divided into two classes. They are 36 students from class VIII F as control class and 36 students from VIII H as experimental class.

For instrument, the writer used test. There are pre-test and post-test for experimental class and control class. The researcher use statistic calculation of “t” test in analysing the data. “t” test formula to know the different means of pre-test and post-test result and pre-test and post-test treatment.

1. The Score of Pre-test and Post-Test of Experimental Class

Based on research conducted, the result of pre-test at experiment class got the score 4340. The average score of pre-test was 40.15. The score of pre-test will be described in the following table:

Table 1**The students' score of pre-test at the experimental class**

No	Respondent	Score				
		Pre-Test				
		So.	Str.	Int.	Total	Ave.
1	Adi Setiawan	51	44	37	132	44
2	Ani Liani	23	26	25	74	24,6
3	Asri Eka Wardani	54	44	45	143	47,6
4	Ayu Dewi Anjani	40	34	26	100	33,3
5	Azril Arya Rahman	64	52	42	158	52,6
6	Brilliant Buwana P	36	34	30	100	33,3
7	Della Durrotul	51	50	36	137	45,6
8	Dimas N	57	61	43	161	53,6
9	Erna Wijayanti	54	44	42	140	46,6
10	Fauzul Adhim	44	31	33	108	36
11	Fitri R	54	44	37	135	45
12	Indah Putri Amalia	34	36	31	101	33,6
13	Kayla W	48	40	36	124	41,3
14	Maulana Ardabilly	34	31	30	95	31,6
15	Muhamad Nabil F	43	35	33	111	37
16	Muhamad Syauqi	48	37	31	116	38,6
17	Muhammad Dzulfikar	43	42	38	123	41
18	Muhammad Nabil Eka	39	33	30	102	34
19	Muhammad Noval R	40	36	33	109	36,3
20	Muhammad Rizky	79	33	33	145	48,3
21	Nabila Dwi Y	36	32	31	99	33
22	Nanda Valeri	57	36	34	127	42,3
23	Nasywa Aura	25	28	32	85	28,3
24	Nida Alya	73	44	27	144	48
25	Rakha Rafiqoh	44	61	60	165	55
26	Ratu A	75	40	33	148	49,3
27	Reviana Azzahra	43	30	38	111	37
28	Rifky R	60	31	31	122	40,6
29	Rosdhiana Khumaeroh	35	45	36	116	38,6
30	Siti Aisyah	63	32	31	126	42
31	Siti Attiyah	32	28	26	86	28,6
32	Siti Dujanah	46	38	37	121	40,3

33	Siti Nurjanah	28	29	27	84	28
34	Syakur A	73	40	38	151	50,3
35	Tia Arieska W	44	42	34	120	40
36	Widya Putri	56	36	29	121	40,3
Total		1726	1379	1235	4340	1446
Rata-Rata		47,94	38,31	34,31	120,6	40,15

Mean of pre-test:

$$X = \frac{\sum X}{N} = \frac{(x_1+x_2+\dots+x_{30})}{36} = \frac{4340}{36} = 44.36$$

The table 1 above showed the results of the students' pre-test score at the experimental class. The data showed the maximum score was 55 and the minimum score was 24.6. One student gets maximum score and four students get minimum score. The average score of pre-test was 40.15.

While the result of post-test at the experimental got better score, it can be described as follow: