*Lampiran 14.Hasil Uji Coba Pretes Dan Postes Kemampuan Literasi Matematika*

**HASIL UJI COBA PRETES DAN POSTES KEMAMPUAN LITERASI MATEMATIKA**

| **No** | **Kode Siswa** | ***Pretes* Kemampuan Literasi Matematika** | | | | | | | | | | | **No** | **Kode Siswa** | ***Post-test* Kemampuan Literasi Matematika** | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | | | **2** | | | **3** | | | | **Nilai** | **1** | | | **2** | | | **3** | | | | **Nilai** |
| **A** | **C** | **D** | **A** | **C** | **D** | **A** | **B** | **C** | **D** | **A** | **C** | **D** | **A** | **C** | **D** | **A** | **B** | **C** | **D** |
| 1 | UC 1 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 75 | 1 | UC 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 70 |
| 2 | UC 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 80 | 2 | UC 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 80 |
| 3 | UC 3 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 90 | 3 | UC 3 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 70 |
| 4 | UC 4 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 85 | 4 | UC 4 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 80 |
| 5 | UC 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 50 | 5 | UC 5 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 65 |
| 6 | UC 6 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 65 | 6 | UC 6 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 70 |
| 7 | UC 7 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 70 | 7 | UC 7 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 75 |
| 8 | UC 8 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 90 | 8 | UC 8 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 55 |
| 9 | UC 9 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 75 | 9 | UC 9 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 60 |
| 10 | UC 10 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 70 | 10 | UC 10 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 80 |
| 11 | UC 11 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 80 | 11 | UC 11 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 85 |
| 12 | UC 12 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 70 | 12 | UC 12 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 70 |
| 13 | UC 13 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 80 | 13 | UC 13 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 65 |
| 14 | UC 14 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 65 | 14 | UC 14 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 75 |
| 15 | UC 15 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 70 | 15 | UC 15 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 70 |
| 16 | UC 16 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 75 | 16 | UC 16 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 55 |
| 17 | UC 17 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 55 | 17 | UC 17 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 60 |
| 18 | UC 18 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 60 | 18 | UC 18 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 75 |
| 19 | UC 19 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 80 | 19 | UC 19 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 60 |
| 20 | UC 20 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 85 | 20 | UC 20 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 75 |
| 21 | UC 21 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 70 | 21 | UC 21 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 80 |
| 22 | UC 22 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 65 | 22 | UC 22 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 90 |
| 23 | UC 23 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 75 | 23 | UC 23 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 85 |
| 24 | UC 24 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 70 | 24 | UC 24 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 50 |
| 25 | UC 25 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 55 | 25 | UC 25 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 75 |
| 26 | UC 26 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 60 | 26 | UC 26 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 70 |
| 27 | UC 27 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 75 | 27 | UC 27 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 90 |
| 28 | UC 28 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 60 | 28 | UC 28 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 75 |

Keterangan :

|  |  |
| --- | --- |
| **Kode** | **Indikator Soal** |
| A | Menuliskan informasi yang diperlukan |
| B | Membuat model dalam situasi yang konkret |
| C | Menyelesaikan masalah menggunakan keterampilan matematika |
| D | Memberi argumen berdasarkan penafsiran |

Nilai

*Lampiran 15. Hasil Uji Coba Angket Minat Belajar*

**HASIL UJI COBA ANGKET MINAT BELAJAR**

| **No** | **Kode Siswa** | **Nomor Butir Pernyataan** | | | | | | | | | | | | | | | | | | | | | | | | | | **Nilai** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** | **26** |
| **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** |
| **A** | **C** | **B** | **D** | **A** | **B** | **C** | **D** | **B** | **A** | **C** | **D** | **B** | **A** | **B** | **C** | **D** | **A** | **D** | **C** | **D** | **B** | **D** | **A** | **C** | **D** |
| 1 | UC 1 | 4 | 4 | 5 | 4 | 4 | 3 | 5 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | 3 | 5 | 4 | 4 | 4 | 5 | 3 | 3 | 3 | 3 | 4 | 4 | 98 |
| 2 | UC 2 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 4 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 4 | 66 |
| 3 | UC 3 | 4 | 4 | 5 | 4 | 4 | 3 | 5 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | 3 | 5 | 4 | 4 | 4 | 5 | 3 | 3 | 3 | 3 | 4 | 5 | 99 |
| 4 | UC 4 | 4 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 4 | 4 | 2 | 4 | 4 | 3 | 2 | 3 | 4 | 4 | 3 | 4 | 2 | 2 | 3 | 2 | 77 |
| 5 | UC 5 | 5 | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 3 | 5 | 3 | 4 | 4 | 5 | 4 | 4 | 4 | 3 | 5 | 4 | 3 | 5 | 3 | 108 |
| 6 | UC 6 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 4 | 3 | 2 | 2 | 2 | 3 | 4 | 2 | 4 | 67 |
| 7 | UC 7 | 4 | 5 | 3 | 3 | 5 | 3 | 4 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 5 | 3 | 4 | 2 | 3 | 4 | 99 |
| 8 | UC 8 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 4 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 64 |
| 9 | UC 9 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 4 | 3 | 2 | 3 | 4 | 2 | 3 | 2 | 4 | 3 | 4 | 3 | 4 | 2 | 4 | 4 | 4 | 3 | 4 | 83 |
| 10 | UC 10 | 4 | 5 | 3 | 3 | 5 | 3 | 4 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 5 | 3 | 4 | 4 | 3 | 4 | 101 |
| 11 | UC 11 | 3 | 4 | 3 | 4 | 4 | 5 | 4 | 4 | 3 | 5 | 3 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 95 |
| 12 | UC 12 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 4 | 3 | 2 | 2 | 2 | 3 | 4 | 3 | 4 | 68 |
| 13 | UC 13 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 126 |
| 14 | UC 14 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 4 | 3 | 2 | 3 | 4 | 5 | 3 | 5 | 4 | 3 | 4 | 3 | 4 | 2 | 4 | 3 | 4 | 3 | 4 | 88 |
| 15 | UC 15 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 4 | 3 | 4 | 67 |
| 16 | UC 16 | 4 | 4 | 5 | 4 | 4 | 3 | 5 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | 3 | 5 | 4 | 2 | 2 | 5 | 3 | 3 | 3 | 3 | 4 | 5 | 95 |
| 17 | UC 17 | 4 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 4 | 4 | 2 | 4 | 4 | 3 | 2 | 3 | 4 | 3 | 3 | 4 | 2 | 2 | 3 | 2 | 76 |
| 18 | UC 18 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 4 | 74 |
| 19 | UC 19 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 4 | 3 | 2 | 3 | 4 | 2 | 3 | 2 | 4 | 3 | 4 | 3 | 5 | 3 | 4 | 4 | 4 | 3 | 4 | 85 |
| 20 | UC 20 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 4 | 2 | 3 | 3 | 3 | 3 | 4 | 76 |
| 21 | UC 21 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 4 | 3 | 2 | 3 | 4 | 2 | 3 | 5 | 4 | 3 | 4 | 3 | 5 | 5 | 4 | 4 | 4 | 3 | 4 | 90 |
| 22 | UC 22 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 4 | 74 |
| 23 | UC 23 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 4 | 3 | 2 | 3 | 4 | 2 | 3 | 2 | 4 | 3 | 4 | 3 | 3 | 2 | 4 | 3 | 4 | 3 | 4 | 81 |
| 24 | UC 24 | 4 | 5 | 3 | 3 | 5 | 3 | 4 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 93 |
| 25 | UC 25 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 73 |
| 26 | UC 26 | 5 | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 2 | 3 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 115 |
| 27 | UC 27 | 4 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 4 | 4 | 2 | 4 | 4 | 3 | 2 | 3 | 4 | 4 | 3 | 4 | 2 | 2 | 3 | 2 | 77 |
| 28 | UC 28 | 4 | 5 | 3 | 3 | 5 | 3 | 4 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 2 | 3 | 2 | 3 | 5 | 3 | 4 | 4 | 3 | 4 | 91 |
| 29 | UC 29 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 4 | 3 | 2 | 3 | 4 | 2 | 3 | 2 | 4 | 3 | 4 | 3 | 4 | 2 | 4 | 3 | 4 | 3 | 4 | 82 |
| 30 | UC 30 | 4 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 4 | 4 | 2 | 4 | 4 | 3 | 2 | 3 | 4 | 4 | 3 | 4 | 2 | 2 | 3 | 2 | 77 |

Keterangan:

|  |  |
| --- | --- |
| Kode | Indikator Soal |
| A | Perhatian |
| B | Keingintahuan |
| C | Rasa Senang |
| D | Ketertarikan |

*Lampiran 16. .Hasil Analisis Uji Validitas Pre-test KPL*

**Hasil Validasi Pre-test Kemampuan Literasi Matematika**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** | | | | | | | | |
|  | | M01 | M02 | M03 | M04 | M05 | M06 | M07 |
| M01 | Pearson Correlation | 1 | .480\*\* | .132 | .233 | .320 | .077 | .077 |
| Sig. (2-tailed) |  | .010 | .505 | .233 | .097 | .697 | .697 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| M02 | Pearson Correlation | .480\*\* | 1 | .730\*\* | .377\* | .167 | .160 | .160 |
| Sig. (2-tailed) | .010 |  | .000 | .048 | .397 | .416 | .416 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| M03 | Pearson Correlation | .132 | .730\*\* | 1 | .737\*\* | .251 | .175 | .175 |
| Sig. (2-tailed) | .505 | .000 |  | .000 | .198 | .372 | .372 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| M04 | Pearson Correlation | .233 | .377\* | .737\*\* | 1 | .538\*\* | .129 | .129 |
| Sig. (2-tailed) | .233 | .048 | .000 |  | .003 | .512 | .512 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| M05 | Pearson Correlation | .320 | .167 | .251 | .538\*\* | 1 | .240 | .240 |
| Sig. (2-tailed) | .097 | .397 | .198 | .003 |  | .218 | .218 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| M06 | Pearson Correlation | .077 | .160 | .175 | .129 | .240 | 1 | 1.000\*\* |
| Sig. (2-tailed) | .697 | .416 | .372 | .512 | .218 |  | .000 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| M07 | Pearson Correlation | .077 | .160 | .175 | .129 | .240 | 1.000\*\* | 1 |
| Sig. (2-tailed) | .697 | .416 | .372 | .512 | .218 | .000 |  |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| M08 | Pearson Correlation | .077 | .160 | .175 | .129 | .240 | .462\* | .462\* |
| Sig. (2-tailed) | .697 | .416 | .372 | .512 | .218 | .013 | .013 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| M09 | Pearson Correlation | .077 | .160 | .175 | .129 | .240 | -.077 | -.077 |
| Sig. (2-tailed) | .697 | .416 | .372 | .512 | .218 | .697 | .697 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| M10 | Pearson Correlation | .145 | .302 | .330 | .243 | .452\* | -.145 | -.145 |
| Sig. (2-tailed) | .462 | .119 | .086 | .212 | .016 | .462 | .462 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| TOTAL | Pearson Correlation | .444\* | .684\*\* | .744\*\* | .702\*\* | .684\*\* | .435\* | .435\* |
| Sig. (2-tailed) | .018 | .000 | .000 | .000 | .000 | .021 | .021 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Correlations** | | | | | |
|  | | M08 | M09 | M10 | TOTAL |
| M01 | Pearson Correlation | .077 | .077 | .145 | .444\* |
| Sig. (2-tailed) | .697 | .697 | .462 | .018 |
| N | 28 | 28 | 28 | 28 |
| M02 | Pearson Correlation | .160 | .160 | .302 | .684\*\* |
| Sig. (2-tailed) | .416 | .416 | .119 | .000 |
| N | 28 | 28 | 28 | 28 |
| M03 | Pearson Correlation | .175 | .175 | .330 | .744\*\* |
| Sig. (2-tailed) | .372 | .372 | .086 | .000 |
| N | 28 | 28 | 28 | 28 |
| M04 | Pearson Correlation | .129 | .129 | .243 | .702\*\* |
| Sig. (2-tailed) | .512 | .512 | .212 | .000 |
| N | 28 | 28 | 28 | 28 |
| M05 | Pearson Correlation | .240 | .240 | .452\* | .684\*\* |
| Sig. (2-tailed) | .218 | .218 | .016 | .000 |
| N | 28 | 28 | 28 | 28 |
| M06 | Pearson Correlation | .462\* | -.077 | -.145 | .435\* |
| Sig. (2-tailed) | .013 | .697 | .462 | .021 |
| N | 28 | 28 | 28 | 28 |
| M07 | Pearson Correlation | .462\* | -.077 | -.145 | .435\* |
| Sig. (2-tailed) | .013 | .697 | .462 | .021 |
| N | 28 | 28 | 28 | 28 |
| M08 | Pearson Correlation | 1 | .462\* | .193 | .502\*\* |
| Sig. (2-tailed) |  | .013 | .325 | .006 |
| N | 28 | 28 | 28 | 28 |
| M09 | Pearson Correlation | .462\* | 1 | .531\*\* | .435\* |
| Sig. (2-tailed) | .013 |  | .004 | .021 |
| N | 28 | 28 | 28 | 28 |
| M10 | Pearson Correlation | .193 | .531\*\* | 1 | .564\*\* |
| Sig. (2-tailed) | .325 | .004 |  | .002 |
| N | 28 | 28 | 28 | 28 |
| TOTAL | Pearson Correlation | .502\*\* | .435\* | .564\*\* | 1 |
| Sig. (2-tailed) | .006 | .021 | .002 |  |
| N | 28 | 28 | 28 | 28 |

Instrumen dikatakan valid apabila Rxy > Rtabel. Nilai Rtabel Product Moment untuk N = 28 dengan taraf signifikansi 5% adalah 0.374. Berdasarkan dari hasil uji valiadasi *pre-test* pada bagian kolom total menunjukkan bahwa nilai Rxy > Rtabel. Maka dapat disimpulkan Instrumen *pre-test* terbukti valid.

*Lampiran 17. Hasil Analisis Uji Validasi Post-test KPL*

**Hasil Uji Validasi Posttest Kemampuan Literasi Matematika**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** | | | | | | | | |
|  | | M01 | M02 | M03 | M04 | M05 | M06 | M07 |
| M01 | Pearson Correlation | 1 | .480\*\* | .132 | .233 | .320 | .077 | .077 |
| Sig. (2-tailed) |  | .010 | .505 | .233 | .097 | .697 | .697 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| M02 | Pearson Correlation | .480\*\* | 1 | .730\*\* | .377\* | .167 | .160 | .160 |
| Sig. (2-tailed) | .010 |  | .000 | .048 | .397 | .416 | .416 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| M03 | Pearson Correlation | .132 | .730\*\* | 1 | .737\*\* | .251 | .175 | .175 |
| Sig. (2-tailed) | .505 | .000 |  | .000 | .198 | .372 | .372 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| M04 | Pearson Correlation | .233 | .377\* | .737\*\* | 1 | .538\*\* | .129 | .129 |
| Sig. (2-tailed) | .233 | .048 | .000 |  | .003 | .512 | .512 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| M05 | Pearson Correlation | .320 | .167 | .251 | .538\*\* | 1 | .240 | .240 |
| Sig. (2-tailed) | .097 | .397 | .198 | .003 |  | .218 | .218 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| M06 | Pearson Correlation | .077 | .160 | .175 | .129 | .240 | 1 | 1.000\*\* |
| Sig. (2-tailed) | .697 | .416 | .372 | .512 | .218 |  | .000 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| M07 | Pearson Correlation | .077 | .160 | .175 | .129 | .240 | 1.000\*\* | 1 |
| Sig. (2-tailed) | .697 | .416 | .372 | .512 | .218 | .000 |  |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| M08 | Pearson Correlation | .096 | -.067 | -.037 | .162 | .300 | .352 | .352 |
| Sig. (2-tailed) | .627 | .736 | .854 | .412 | .121 | .066 | .066 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| M09 | Pearson Correlation | .096 | -.067 | -.037 | .162 | .300 | -.096 | -.096 |
| Sig. (2-tailed) | .627 | .736 | .854 | .412 | .121 | .627 | .627 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| M10 | Pearson Correlation | .145 | .302 | .330 | .243 | .452\* | -.145 | -.145 |
| Sig. (2-tailed) | .462 | .119 | .086 | .212 | .016 | .462 | .462 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| TOTAL | Pearson Correlation | .457\* | .627\*\* | .692\*\* | .722\*\* | .718\*\* | .427\* | .427\* |
| Sig. (2-tailed) | .015 | .000 | .000 | .000 | .000 | .023 | .023 |
| N | 28 | 28 | 28 | 28 | 28 | 28 | 28 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Correlations** | | | | | |
|  | | M08 | M09 | M10 | TOTAL |
| M01 | Pearson Correlation | .096 | .096 | .145 | .457\* |
| Sig. (2-tailed) | .627 | .627 | .462 | .015 |
| N | 28 | 28 | 28 | 28 |
| M02 | Pearson Correlation | -.067 | -.067 | .302 | .627\*\* |
| Sig. (2-tailed) | .736 | .736 | .119 | .000 |
| N | 28 | 28 | 28 | 28 |
| M03 | Pearson Correlation | -.037 | -.037 | .330 | .692\*\* |
| Sig. (2-tailed) | .854 | .854 | .086 | .000 |
| N | 28 | 28 | 28 | 28 |
| M04 | Pearson Correlation | .162 | .162 | .243 | .722\*\* |
| Sig. (2-tailed) | .412 | .412 | .212 | .000 |
| N | 28 | 28 | 28 | 28 |
| M05 | Pearson Correlation | .300 | .300 | .452\* | .718\*\* |
| Sig. (2-tailed) | .121 | .121 | .016 | .000 |
| N | 28 | 28 | 28 | 28 |
| M06 | Pearson Correlation | .352 | -.096 | -.145 | .427\* |
| Sig. (2-tailed) | .066 | .627 | .462 | .023 |
| N | 28 | 28 | 28 | 28 |
| M07 | Pearson Correlation | .352 | -.096 | -.145 | .427\* |
| Sig. (2-tailed) | .066 | .627 | .462 | .023 |
| N | 28 | 28 | 28 | 28 |
| M08 | Pearson Correlation | 1 | .627\*\* | .101 | .449\* |
| Sig. (2-tailed) |  | .000 | .611 | .017 |
| N | 28 | 28 | 28 | 28 |
| M09 | Pearson Correlation | .627\*\* | 1 | .382\* | .392\* |
| Sig. (2-tailed) | .000 |  | .045 | .039 |
| N | 28 | 28 | 28 | 28 |
| M10 | Pearson Correlation | .101 | .382\* | 1 | .549\*\* |
| Sig. (2-tailed) | .611 | .045 |  | .002 |
| N | 28 | 28 | 28 | 28 |
| TOTAL | Pearson Correlation | .449\* | .392\* | .549\*\* | 1 |
| Sig. (2-tailed) | .017 | .039 | .002 |  |
| N | 28 | 28 | 28 | 28 |

Instrumen dikatakan valid apabila Rxy > Rtabel. Nilai Rtabel Product Moment untuk N = 28 dengan taraf signifikansi 5% adalah 0.374. Berdasarkan dari hasil uji valiadasi *post-test* pada kolom total menunjukkan bahwa nilai Rxy > Rtabel. Maka dapat disimpulkan Instrumen *post-test* terbukti valid.

*Lampiran 18. Hasil Analisis Uji Validasi Angket Minat Belajar*

**Hasil Uji Validasi Angket Minat Belajar**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** | | | | | | | | | |
|  | | X20 | X21 | X22 | X23 | X24 | X25 | X26 | TOTAL |
| X01 | Pearson Correlation | .387\* | .655\*\* | .522\*\* | .238 | -.064 | .733\*\* | -.052 | .757\*\* |
| Sig. (2-tailed) | .035 | .000 | .003 | .205 | .738 | .000 | .784 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X02 | Pearson Correlation | .388\* | .486\*\* | .321 | .737\*\* | .459\* | .351 | .573\*\* | .702\*\* |
| Sig. (2-tailed) | .034 | .006 | .084 | .000 | .011 | .057 | .001 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X03 | Pearson Correlation | .553\*\* | .315 | .341 | .275 | .116 | .894\*\* | .367\* | .711\*\* |
| Sig. (2-tailed) | .002 | .090 | .065 | .141 | .542 | .000 | .046 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X04 | Pearson Correlation | .495\*\* | .548\*\* | .349 | .549\*\* | .225 | .805\*\* | .326 | .870\*\* |
| Sig. (2-tailed) | .005 | .002 | .059 | .002 | .233 | .000 | .078 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X05 | Pearson Correlation | .485\*\* | .600\*\* | .567\*\* | .642\*\* | .356 | .473\*\* | .387\* | .809\*\* |
| Sig. (2-tailed) | .007 | .000 | .001 | .000 | .054 | .008 | .035 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X06 | Pearson Correlation | .274 | .365\* | .602\*\* | .530\*\* | .318 | .648\*\* | .023 | .666\*\* |
| Sig. (2-tailed) | .142 | .047 | .000 | .003 | .086 | .000 | .905 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X07 | Pearson Correlation | .492\*\* | .614\*\* | .269 | .326 | .000 | .674\*\* | .172 | .789\*\* |
| Sig. (2-tailed) | .006 | .000 | .150 | .079 | 1.000 | .000 | .364 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X08 | Pearson Correlation | .539\*\* | .542\*\* | .740\*\* | .597\*\* | .435\* | .287 | .194 | .709\*\* |
| Sig. (2-tailed) | .002 | .002 | .000 | .000 | .016 | .125 | .304 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X09 | Pearson Correlation | .224 | .544\*\* | .185 | .693\*\* | .314 | .656\*\* | .546\*\* | .773\*\* |
| Sig. (2-tailed) | .234 | .002 | .327 | .000 | .092 | .000 | .002 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X10 | Pearson Correlation | .349 | .655\*\* | .247 | .588\*\* | .163 | .590\*\* | .279 | .830\*\* |
| Sig. (2-tailed) | .059 | .000 | .189 | .001 | .389 | .001 | .136 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X11 | Pearson Correlation | .153 | .672\*\* | .493\*\* | .232 | -.112 | .411\* | -.307 | .561\*\* |
| Sig. (2-tailed) | .420 | .000 | .006 | .218 | .557 | .024 | .099 | .001 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X12 | Pearson Correlation | .798\*\* | .407\* | .821\*\* | .098 | .156 | .464\*\* | .074 | .613\*\* |
| Sig. (2-tailed) | .000 | .026 | .000 | .606 | .409 | .010 | .699 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X13 | Pearson Correlation | .279 | .581\*\* | .437\* | .623\*\* | .360 | .584\*\* | .257 | .834\*\* |
| Sig. (2-tailed) | .136 | .001 | .016 | .000 | .051 | .001 | .170 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X14 | Pearson Correlation | .200 | .621\*\* | .509\*\* | .102 | -.065 | .333 | -.195 | .499\*\* |
| Sig. (2-tailed) | .289 | .000 | .004 | .590 | .734 | .072 | .303 | .005 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X15 | Pearson Correlation | .463\*\* | .651\*\* | .582\*\* | .123 | -.049 | .307 | -.255 | .571\*\* |
| Sig. (2-tailed) | .010 | .000 | .001 | .516 | .795 | .098 | .174 | .001 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X16 | Pearson Correlation | .782\*\* | .552\*\* | .603\*\* | .502\*\* | .360 | .626\*\* | .449\* | .875\*\* |
| Sig. (2-tailed) | .000 | .002 | .000 | .005 | .051 | .000 | .013 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X17 | Pearson Correlation | .280 | .364\* | .234 | .659\*\* | .362\* | .729\*\* | .554\*\* | .754\*\* |
| Sig. (2-tailed) | .134 | .048 | .214 | .000 | .049 | .000 | .001 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X18 | Pearson Correlation | .210 | -.024 | .124 | .292 | .180 | .166 | -.083 | .152 |
| Sig. (2-tailed) | .265 | .900 | .514 | .117 | .341 | .381 | .664 | .422 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X19 | Pearson Correlation | .234 | .293 | .350 | .024 | -.297 | .389\* | -.357 | .396\* |
| Sig. (2-tailed) | .214 | .117 | .058 | .902 | .110 | .034 | .053 | .030 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X20 | Pearson Correlation | 1 | .367\* | .651\*\* | .212 | .121 | .543\*\* | .143 | .631\*\* |
| Sig. (2-tailed) |  | .046 | .000 | .261 | .525 | .002 | .449 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X21 | Pearson Correlation | .367\* | 1 | .389\* | .548\*\* | .185 | .353 | .129 | .733\*\* |
| Sig. (2-tailed) | .046 |  | .033 | .002 | .329 | .056 | .497 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X22 | Pearson Correlation | .651\*\* | .389\* | 1 | .250 | .193 | .505\*\* | -.149 | .634\*\* |
| Sig. (2-tailed) | .000 | .033 |  | .182 | .306 | .004 | .430 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X23 | Pearson Correlation | .212 | .548\*\* | .250 | 1 | .617\*\* | .382\* | .500\*\* | .675\*\* |
| Sig. (2-tailed) | .261 | .002 | .182 |  | .000 | .037 | .005 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X24 | Pearson Correlation | .121 | .185 | .193 | .617\*\* | 1 | .057 | .614\*\* | .364\* |
| Sig. (2-tailed) | .525 | .329 | .306 | .000 |  | .767 | .000 | .048 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X25 | Pearson Correlation | .543\*\* | .353 | .505\*\* | .382\* | .057 | 1 | .195 | .756\*\* |
| Sig. (2-tailed) | .002 | .056 | .004 | .037 | .767 |  | .303 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X26 | Pearson Correlation | .143 | .129 | -.149 | .500\*\* | .614\*\* | .195 | 1 | .344 |
| Sig. (2-tailed) | .449 | .497 | .430 | .005 | .000 | .303 |  | .063 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| TOTAL | Pearson Correlation | .631\*\* | .733\*\* | .634\*\* | .675\*\* | .364\* | .756\*\* | .344 | 1 |
| Sig. (2-tailed) | .000 | .000 | .000 | .000 | .048 | .000 | .063 |  |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |

Instrumen dikatakan valid apabila Rxy > Rtabel. Nilai Rtabel *Product Moment* untuk jumlah responden (N) = 30 dengan taraf signifikansi 5% adalah 0.361

Jumlah butir pernyataan angket minat belajar adalah 26 pernyataan. Berdasarkan dari hasil uji valiadasi pada kolom total diatas. Terdapat 2 (dua) pernyataan terbukti tidak valid (Rxy < Rtabel) dan terdapat 24 pernyataan terbukti valid (Rxy > Rtabel).

*Lampiran 19. .Hasil Analisis Uji Reliabilitas Pre-Test*

**Hasil Uji Reliabilitas *Pre-test* Kemampuan Literasi Matematika**

|  |  |  |  |
| --- | --- | --- | --- |
| **Case Processing Summary** | | | |
|  | | N | % |
| Cases | Valid | 28 | 100.0 |
| Excludeda | 0 | .0 |
| Total | 28 | 100.0 |

|  |
| --- |
|  |

|  |  |
| --- | --- |
| **Reliability Statistics** | |
| Cronbach's Alpha | N of Items |
| .772 | 10 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item-Total Statistics** | | | | |
|  | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
| M01 | 12.36 | 3.942 | .335 | .765 |
| M02 | 12.54 | 3.295 | .544 | .737 |
| M03 | 12.57 | 3.143 | .616 | .724 |
| M04 | 12.46 | 3.369 | .586 | .731 |
| M05 | 12.71 | 3.175 | .519 | .743 |
| M06 | 13.21 | 3.952 | .325 | .766 |
| M07 | 13.21 | 3.952 | .325 | .766 |
| M08 | 13.21 | 3.878 | .400 | .759 |
| M09 | 13.21 | 3.952 | .325 | .766 |
| M10 | 13.07 | 3.550 | .403 | .759 |

Dikatakan reliable menurut Wiratna Sujarweni (2014) *Cronbach's Alpha* > 0.6

Dari tabel *Reliability Statistics* diketahui bahwa nilai dari *Cronbach's Alpha* adalah 0.772 dapat disimpulkan bahwa instrument *pre-test* terbukti reliable.

*Lampiran 20. Hasil Analisis Uji Reliabilitas Post-Test*

**Hasil Uji Reliabilitas *Post-test* Kemampuan Literasi Matematika**

|  |  |  |  |
| --- | --- | --- | --- |
| **Case Processing Summary** | | | |
|  | | N | % |
| Cases | Valid | 28 | 100.0 |
| Excludeda | 0 | .0 |
| Total | 28 | 100.0 |

|  |
| --- |
| a. Listwise deletion based on all variables in the procedure. |

|  |  |
| --- | --- |
| **Reliability Statistics** | |
| Cronbach's Alpha | N of Items |
| .753 | 10 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item-Total Statistics** | | | | |
|  | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
| M01 | 12.43 | 3.884 | .348 | .742 |
| M02 | 12.61 | 3.358 | .470 | .724 |
| M03 | 12.64 | 3.201 | .546 | .710 |
| M04 | 12.54 | 3.295 | .611 | .702 |
| M05 | 12.79 | 3.063 | .564 | .707 |
| M06 | 13.29 | 3.915 | .316 | .745 |
| M07 | 13.29 | 3.915 | .316 | .745 |
| M08 | 13.25 | 3.824 | .316 | .745 |
| M09 | 13.25 | 3.898 | .253 | .752 |
| M10 | 13.14 | 3.534 | .384 | .738 |

Dikatakan reliable menurut Wiratna Sujarweni (2014) *Cronbach's Alpha* > 0.6

Dari tabel *Reliability Statistics* diketahui bahwa nilai dari *Cronbach's Alpha* adalah 0.753 dapat disimpulkan bahwa instrument *post-test* terbukti reliable.

*Lampiran 21. Hasil Analisis Uji Reliabilitas Angket Minat Belajar*

**Hasil Uji Reliabilitas Angket Minat Belajar**

|  |  |  |  |
| --- | --- | --- | --- |
| **Case Processing Summary** | | | |
|  | | N | % |
| Cases | Valid | 30 | 100.0 |
| Excludeda | 0 | .0 |
| Total | 30 | 100.0 |

|  |
| --- |
| a. Listwise deletion based on all variables in the procedure. |

|  |  |
| --- | --- |
| **Reliability Statistics** | |
| Cronbach's Alpha | N of Items |
| .947 | 26 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item-Total Statistics** | | | | |
|  | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
| X01 | 81.93 | 217.926 | .737 | .944 |
| X02 | 81.93 | 210.685 | .663 | .944 |
| X03 | 82.10 | 216.162 | .683 | .944 |
| X04 | 82.87 | 209.361 | .854 | .942 |
| X05 | 81.73 | 209.306 | .784 | .942 |
| X06 | 82.23 | 219.564 | .640 | .945 |
| X07 | 82.50 | 206.879 | .758 | .943 |
| X08 | 82.20 | 217.476 | .684 | .944 |
| X09 | 82.20 | 212.372 | .748 | .943 |
| X10 | 82.70 | 205.183 | .804 | .942 |

Dikatakan reliable menurut Wiratna Sujarweni (2014) *Cronbach's Alpha* > 0.6

Dari tabel *Reliability Statistics* diketahui bahwa nilai dari *Cronbach's Alpha* adalah 0.947 dapat disimpulkan bahwa instrument angket terbukti reliable.

*Lampiran 22. Hasil Pretes Kemampuan Literasi Matematika Kelas CTL dan PBL*

**Hasil Pretes Kemampuan Literasi Matematika Kelas CTL dan PBL**

| **No** | **Kode Siswa** | ***Pretes* Kemampuan Literasi Matematika Kelas CTL** | | | | | | | | | | | **No** | **Kode Siswa** | ***Pretes* Kemampuan Literasi Matematika Kelas PBL** | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | | | **2** | | | **3** | | | | **Nilai** | **1** | | | **2** | | | **3** | | | | **Nilai** |
| **A** | **C** | **D** | **A** | **C** | **D** | **A** | **B** | **C** | **D** | **A** | **C** | **D** | **A** | **C** | **D** | **A** | **B** | **C** | **D** |
| 1 | A1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 1 | B1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 2 | A2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 2 | B2 | 2 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 35 |
| 3 | A3 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 3 | B3 | 2 | 2 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 45 |
| 4 | A4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 4 | B4 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 5 | A5 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 5 | B5 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 40 |
| 6 | A6 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 6 | B6 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 25 |
| 7 | A7 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 7 | B7 | 2 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 35 |
| 8 | A8 | 2 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 8 | B8 | 2 | 2 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 45 |
| 9 | A9 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 55 | 9 | B9 | 2 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 0 | 0 | 65 |
| 10 | A10 | 2 | 2 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 45 | 10 | B10 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 55 |
| 11 | A11 | 2 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 11 | B11 | 2 | 2 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 40 |
| 12 | A12 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 12 | B12 | 2 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 35 |
| 13 | A13 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 40 | 13 | B13 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 55 |
| 14 | A14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 14 | B14 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 15 | A15 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 15 | B15 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 16 | A16 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 16 | B16 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 17 | A17 | 2 | 2 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 45 | 17 | B17 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 55 |
| 18 | A18 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 18 | B18 | 2 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 35 |
| 19 | A19 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 19 | B19 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| 20 | A20 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 20 | B20 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 21 | A21 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 30 | 21 | B21 | 2 | 2 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 45 |
| 22 | A22 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 22 | B22 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| 23 | A23 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 23 | B23 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| 24 | A24 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 24 | B24 | 2 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 40 |
| 25 | A25 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 25 | B25 | 2 | 2 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 45 |
| 26 | A26 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 26 | B26 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 27 | A27 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 27 | B27 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| 28 | A28 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 65 | 28 | B28 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 70 |
| 29 | A29 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 29 | B29 | 2 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 40 |
| 30 | A30 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 30 | B30 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| 31 | A31 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 31 | B31 | 2 | 2 | 1 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 50 |

Keterangan :

|  |  |
| --- | --- |
| **Kode** | **Indikator Soal** |
| A | Menuliskan informasi yang diperlukan |
| B | Membuat model dalam situasi yang konkret |
| C | Menyelesaikan masalah menggunakan keterampilan matematika |
| D | Memberi argumen berdasarkan penafsiran |

Nilai

*Lampiran 23. Hasil Angket Awal Minat Belajar Kelas CTL*

**HASIL ANGKETAWAL MINAT BELAJAR KELAS CTL**

| **No** | **Kode Siswa** | **Nomor Butir Pernyataan** | | | | | | | | | | | | | | | | | | | | | | | | | | **Nilai** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** | **26** |
| **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** |
| **A** | **C** | **B** | **D** | **A** | **B** | **C** | **D** | **B** | **A** | **C** | **D** | **B** | **A** | **B** | **C** | **D** | **A** | **D** | **C** | **D** | **B** | **D** | **A** | **C** | **D** |
| 1 | A1 | 4 | 3 | 5 | 3 | 2 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 3 | 3 | 5 | 4 | 4 | 4 | 5 | 3 | 4 | 3 | 3 | 4 | 4 | 92 |
| 2 | A2 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 5 | 5 | 5 | 3 | 4 | 5 | 2 | 3 | 4 | 3 | 2 | 3 | 4 | 81 |
| 3 | A3 | 4 | 2 | 2 | 4 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 2 | 3 | 4 | 5 | 3 | 3 | 3 | 3 | 4 | 5 | 82 |
| 4 | A4 | 4 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 2 | 2 | 3 | 2 | 83 |
| 5 | A5 | 5 | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 2 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 90 |
| 6 | A6 | 3 | 2 | 3 | 2 | 2 | 3 | 4 | 3 | 3 | 4 | 3 | 2 | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 2 | 2 | 2 | 3 | 4 | 2 | 4 | 79 |
| 7 | A7 | 4 | 5 | 3 | 3 | 5 | 3 | 4 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 | 2 | 3 | 3 | 4 | 3 | 5 | 3 | 4 | 2 | 3 | 4 | 95 |
| 8 | A8 | 5 | 4 | 5 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 2 | 2 | 2 | 4 | 5 | 5 | 2 | 3 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 101 |
| 9 | A9 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 3 | 4 | 93 |
| 10 | A10 | 4 | 5 | 3 | 3 | 5 | 3 | 4 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 4 | 3 | 2 | 3 | 4 | 2 | 3 | 3 | 4 | 4 | 3 | 4 | 95 |
| 11 | A11 | 3 | 4 | 3 | 4 | 4 | 5 | 4 | 4 | 3 | 5 | 3 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 95 |
| 12 | A12 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 4 | 2 | 4 | 4 | 4 | 3 | 4 | 3 | 2 | 2 | 2 | 3 | 4 | 3 | 4 | 76 |
| 13 | A13 | 5 | 2 | 3 | 2 | 3 | 2 | 3 | 4 | 2 | 3 | 3 | 2 | 3 | 3 | 4 | 2 | 3 | 2 | 3 | 2 | 3 | 5 | 5 | 4 | 5 | 4 | 82 |
| 14 | A14 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 4 | 3 | 2 | 3 | 4 | 3 | 3 | 2 | 4 | 2 | 3 | 3 | 4 | 2 | 4 | 3 | 4 | 3 | 4 | 81 |
| 15 | A15 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 2 | 4 | 4 | 4 | 3 | 4 | 78 |
| 16 | A16 | 4 | 4 | 2 | 2 | 2 | 3 | 2 | 3 | 4 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | 4 | 5 | 72 |
| 17 | A17 | 4 | 3 | 3 | 3 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 2 | 3 | 2 | 3 | 5 | 3 | 4 | 4 | 3 | 4 | 93 |
| 18 | A18 | 5 | 4 | 5 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 2 | 3 | 5 | 4 | 5 | 5 | 2 | 3 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 95 |
| 19 | A19 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 4 | 2 | 2 | 3 | 4 | 2 | 3 | 2 | 4 | 3 | 4 | 3 | 5 | 3 | 4 | 4 | 4 | 3 | 4 | 80 |
| 20 | A20 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 91 |
| 21 | A21 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 4 | 3 | 2 | 3 | 4 | 2 | 3 | 4 | 4 | 3 | 2 | 3 | 2 | 2 | 4 | 2 | 2 | 3 | 4 | 77 |
| 22 | A22 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 80 |
| 23 | A23 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 2 | 4 | 3 | 4 | 3 | 4 | 95 |
| 24 | A24 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 5 | 5 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 100 |
| 25 | A25 | 3 | 4 | 3 | 5 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 5 | 3 | 3 | 4 | 5 | 2 | 4 | 3 | 3 | 3 | 3 | 4 | 93 |
| 26 | A26 | 5 | 4 | 4 | 4 | 3 | 2 | 4 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 4 | 3 | 3 | 2 | 3 | 3 | 3 | 4 | 4 | 5 | 4 | 5 | 85 |
| 27 | A27 | 4 | 2 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 3 | 3 | 5 | 5 | 4 | 3 | 4 | 2 | 2 | 3 | 2 | 94 |
| 28 | A28 | 4 | 3 | 3 | 3 | 5 | 3 | 4 | 2 | 3 | 2 | 4 | 3 | 2 | 3 | 3 | 4 | 2 | 3 | 2 | 3 | 5 | 3 | 4 | 4 | 3 | 4 | 84 |
| 29 | A29 | 3 | 3 | 3 | 2 | 4 | 3 | 2 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 2 | 4 | 3 | 4 | 3 | 4 | 2 | 4 | 3 | 4 | 3 | 4 | 86 |
| 30 | A30 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 2 | 3 | 4 | 4 | 3 | 4 | 2 | 2 | 3 | 2 | 78 |
| 31 | A31 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 2 | 84 |

Keterangan:

|  |  |
| --- | --- |
| Kode | Indikator Soal |
| A | Perhatian |
| B | Keingintahuan |
| C | Rasa Senang |
| D | Ketertarikan |

*Lampiran 24. Hasil Angket Awal Minat Belajar Kelas PBL*

**HASIL ANGKET AWAL MINAT BELAJAR KELAS PBL**

| **No** | **Kode Siswa** | **Nomor Butir Pernyataan** | | | | | | | | | | | | | | | | | | | | | | | | | | **Nilai** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** | **26** |
| **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** |
| **A** | **C** | **B** | **D** | **A** | **B** | **C** | **D** | **B** | **A** | **C** | **D** | **B** | **A** | **B** | **C** | **D** | **A** | **D** | **C** | **D** | **B** | **D** | **A** | **C** | **D** |
| 1 | A1 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 4 | 4 | 65 |
| 2 | A2 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 4 | 4 | 69 |
| 3 | A3 | 4 | 2 | 2 | 4 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 5 | 74 |
| 4 | A4 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 4 | 4 | 68 |
| 5 | A5 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 4 | 4 | 65 |
| 6 | A6 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 4 | 4 | 65 |
| 7 | A7 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 73 |
| 8 | A8 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 58 |
| 9 | A9 | 2 | 3 | 2 | 1 | 2 | 3 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 4 | 4 | 57 |
| 10 | A10 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 5 | 3 | 4 | 3 | 4 | 4 | 72 |
| 11 | A11 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 5 | 3 | 4 | 3 | 4 | 4 | 72 |
| 12 | A12 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 60 |
| 13 | A13 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 4 | 3 | 4 | 4 | 4 | 68 |
| 14 | A14 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 4 | 4 | 4 | 3 | 4 | 4 | 69 |
| 15 | A15 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 74 |
| 16 | A16 | 4 | 4 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 5 | 62 |
| 17 | A17 | 2 | 3 | 2 | 2 | 2 | 3 | 1 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 4 | 4 | 62 |
| 18 | A18 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 4 | 4 | 65 |
| 19 | A19 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 4 | 4 | 68 |
| 20 | A20 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 4 | 4 | 67 |
| 21 | A21 | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 4 | 4 | 53 |
| 22 | A22 | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 4 | 51 |
| 23 | A23 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 4 | 4 | 59 |
| 24 | A24 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 4 | 5 | 2 | 5 | 2 | 2 | 3 | 2 | 3 | 4 | 3 | 4 | 4 | 4 | 78 |
| 25 | A25 | 3 | 4 | 3 | 5 | 4 | 3 | 4 | 3 | 3 | 2 | 2 | 4 | 2 | 2 | 2 | 3 | 3 | 4 | 5 | 2 | 4 | 3 | 3 | 3 | 3 | 4 | 83 |
| 26 | A26 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 4 | 3 | 4 | 4 | 4 | 65 |
| 27 | A27 | 2 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 4 | 48 |
| 28 | A28 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 4 | 3 | 4 | 4 | 4 | 68 |
| 29 | A29 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 4 | 3 | 4 | 4 | 4 | 69 |
| 30 | A30 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 4 | 3 | 4 | 4 | 4 | 68 |
| 31 | A31 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 4 | 4 | 2 | 2 | 2 | 1 | 2 | 2 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 2 | 73 |

Keterangan:

|  |  |
| --- | --- |
| Kode | Indikator Soal |
| A | Perhatian |
| B | Keingintahuan |
| C | Rasa Senang |
| D | Ketertarikan |

*Lampiran 25. Hasil Analisis Data Pre-test*

**Hasil Uji Normalitas Data *Pre-Test* Kelas CTL dan PBL**

**Kelas CTL**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tests of Normality** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Statistic | df | Sig. | Statistic | Df | Sig. |
| KELAS\_CTL | .137 | 31 | .143 | .934 | 31 | .057 |

Data dikatakan normal apabila nilai sig. > 0.05. tabel *Tests of Normality* menunjukkan nilai sig. > 0.05. Berdasarkan hal tersebut data *pre-test* pada kelas CTL terbukti normal.

**Kelas PBL**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tests of Normality** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Statistic | df | Sig. | Statistic | Df | Sig. |
| KELAS\_PBL | .079 | 31 | .200\* | .975 | 31 | .654 |

Data dikatakan normal apabila nilai sig. > 0.05. tabel ***Tests of Normality*** menunjukkan nilai sig. > 0.05. Berdasarkan hal tersebut data *pre-test* pada kelas PBL terbukti normal.

**Hasil Uji Homogenitas Data *Pre-Test* Kelas CTL dan PBL**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 1810.081 | 1 | 1810.081 | 7.950 | .007 |
| Within Groups | 13661.290 | 60 | 227.688 |  |  |
| Total | 15471.371 | 61 |  |  |  |

Data dikatakan homogen apabila nilai sig. > 0.05. tabel ***Test of Homogeneity of Variances*** menunjukkan nilai sig. > 0.05. Berdasarkan hal tersebut data *pre-test* pada kelas CTL dan PBL terbukti homogen.

**Hasil Uji Normalitas Angket AwalKelas CTL dan PBL**

**Kelas CTL**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tests of Normality** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Statistic | df | Sig. | Statistic | df | Sig. |
| CTL | .143 | 31 | .109 | .943 | 31 | .098 |

Data dikatakan normal apabila nilai sig. > 0.05. tabel *Tests of Normality* menunjukkan nilai sig. > 0.05. Berdasarkan hal tersebut data angket minat belajar pada kelas CTL terbukti normal.

**Kelas PBL**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tests of Normality** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Statistic | df | Sig. | Statistic | df | Sig. |
| PBL | .154 | 31 | .058 | .971 | 31 | .544 |

Data dikatakan normal apabila nilai sig. > 0.05. tabel *Tests of Normality* menunjukkan nilai sig. > 0.05. Berdasarkan hal tersebut data angket minat belajar pada kelas PBL terbukti normal.

**Hasil Uji Homogenitas Angket Awal Kelas CTL dan PBL**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 6200.000 | 1 | 6200.000 | 105.991 | .000 |
| Within Groups | 3509.742 | 60 | 58.496 |  |  |
| Total | 9709.742 | 61 |  |  |  |

Data dikatakan homogen apabila nilai sig. > 0.05. tabel ***Test of Homogeneity of Variances*** menunjukkan nilai sig. > 0.05. Berdasarkan hal tersebut data angket awal minat belajar matematika pada kelas CTL dan PBL terbukti homogeny.

*Lampiran 26. Hasil Posttest Kemampuan Literasi Matematika Kelas CTL dan PBL*

**Hasil *Posttest* Kemampuan Literasi Matematika Kelas CTL dan PBL**

| **No** | **Kode Siswa** | ***Posttest* Kemampuan Literasi Matematika Kelas CTL** | | | | | | | | | | | **No** | **Kode Siswa** | ***Posttest* Kemampuan Literasi Matematika Kelas PBL** | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | | | **2** | | | **3** | | | | **Nilai** | **1** | | | **2** | | | **3** | | | | **Nilai** |
| **A** | **C** | **D** | **A** | **C** | **D** | **A** | **B** | **C** | **D** | **A** | **C** | **D** | **A** | **C** | **D** | **A** | **B** | **C** | **D** |
| 1 | A1 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 80 | 1 | B1 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 75 |
| 2 | A2 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 75 | 2 | B2 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 80 |
| 3 | A3 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 80 | 3 | B3 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 85 |
| 4 | A4 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 85 | 4 | B4 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 75 |
| 5 | A5 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 75 | 5 | B5 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 80 |
| 6 | A6 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 80 | 6 | B6 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 65 |
| 7 | A7 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 90 | 7 | B7 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 85 |
| 8 | A8 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 80 | 8 | B8 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 75 |
| 9 | A9 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 65 | 9 | B9 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 80 |
| 10 | A10 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 85 | 10 | B10 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 65 |
| 11 | A11 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 80 | 11 | B11 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 90 |
| 12 | A12 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 90 | 12 | B12 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 85 |
| 13 | A13 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 85 | 13 | B13 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 75 |
| 14 | A14 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 70 | 14 | B14 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 80 |
| 15 | A15 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 80 | 15 | B15 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 70 |
| 16 | A16 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 65 | 16 | B16 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 90 |
| 17 | A17 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 90 | 17 | B17 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 75 |
| 18 | A18 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 80 | 18 | B18 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 85 |
| 19 | A19 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 85 | 19 | B19 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 70 |
| 20 | A20 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 70 | 20 | B20 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 90 |
| 21 | A21 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 85 | 21 | B21 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 75 |
| 22 | A22 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 90 | 22 | B22 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 70 |
| 23 | A23 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 95 | 23 | B23 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 80 |
| 24 | A24 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 80 | 24 | B24 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 75 |
| 25 | A25 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 75 | 25 | B25 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 70 |
| 26 | A26 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 75 | 26 | B26 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 90 |
| 27 | A27 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 85 | 27 | B27 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 80 |
| 28 | A28 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 75 | 28 | B28 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 75 |
| 29 | A29 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 70 | 29 | B29 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 85 |
| 30 | A30 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 85 | 30 | B30 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 85 |
| 31 | A31 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 75 | 31 | B31 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 80 |

Keterangan :

|  |  |
| --- | --- |
| **Kode** | **Indikator Soal** |
| A | Menuliskan informasi yang diperlukan |
| B | Membuat model dalam situasi yang konkret |
| C | Menyelesaikan masalah menggunakan keterampilan matematika |
| D | Memberi argumen berdasarkan penafsiran |

Nilai

*Lampiran 27. Hasil Angket Akhir Minat Belajar Kelas CTL*

**HASIL ANGKETAKHIR MINAT BELAJAR KELAS CTL**

| **No** | **Kode Siswa** | **Nomor Butir Pernyataan** | | | | | | | | | | | | | | | | | | | | | | | | | | **Nilai** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** | **26** |
| **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** |
| **A** | **C** | **B** | **D** | **A** | **B** | **C** | **D** | **B** | **A** | **C** | **D** | **B** | **A** | **B** | **C** | **D** | **A** | **D** | **C** | **D** | **B** | **D** | **A** | **C** | **D** |
| 1 | A1 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 4 | 3 | 3 | 3 | 5 | 4 | 4 | 4 | 5 | 3 | 3 | 3 | 3 | 4 | 5 | 105 |
| 2 | A2 | 4 | 4 | 3 | 3 | 3 | 3 | 5 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | 3 | 5 | 4 | 4 | 4 | 5 | 3 | 3 | 3 | 3 | 4 | 5 | 95 |
| 3 | A3 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 3 | 4 | 3 | 3 | 3 | 5 | 4 | 4 | 4 | 5 | 3 | 3 | 3 | 3 | 4 | 5 | 105 |
| 4 | A4 | 4 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 4 | 4 | 2 | 4 | 4 | 3 | 2 | 3 | 4 | 4 | 3 | 4 | 3 | 2 | 3 | 2 | 78 |
| 5 | A5 | 5 | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 3 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 97 |
| 6 | A6 | 3 | 4 | 3 | 4 | 4 | 5 | 4 | 5 | 3 | 5 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 5 | 4 | 4 | 4 | 3 | 4 | 100 |
| 7 | A7 | 4 | 5 | 3 | 3 | 5 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 4 | 88 |
| 8 | A8 | 5 | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 97 |
| 9 | A9 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 4 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 3 | 4 | 2 | 4 | 4 | 4 | 3 | 4 | 100 |
| 10 | A10 | 4 | 5 | 3 | 3 | 4 | 3 | 4 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 92 |
| 11 | A11 | 5 | 4 | 3 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 3 | 5 | 4 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 117 |
| 12 | A12 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 5 | 4 | 4 | 4 | 5 | 3 | 3 | 3 | 3 | 4 | 5 | 91 |
| 13 | A13 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 5 | 5 | 5 | 101 |
| 14 | A14 | 3 | 4 | 3 | 2 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 3 | 4 | 110 |
| 15 | A15 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 2 | 2 | 3 | 4 | 3 | 4 | 101 |
| 16 | A16 | 4 | 4 | 3 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 5 | 90 |
| 17 | A17 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 2 | 3 | 4 | 2 | 3 | 5 | 4 | 3 | 4 | 3 | 4 | 5 | 4 | 4 | 4 | 3 | 4 | 93 |
| 18 | A18 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 4 | 4 | 4 | 3 | 4 | 80 |
| 19 | A19 | 3 | 4 | 3 | 5 | 4 | 4 | 5 | 5 | 3 | 5 | 5 | 4 | 5 | 3 | 5 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 103 |
| 20 | A20 | 3 | 4 | 5 | 5 | 5 | 3 | 5 | 3 | 5 | 4 | 3 | 3 | 4 | 4 | 2 | 3 | 3 | 3 | 3 | 4 | 2 | 3 | 3 | 3 | 3 | 4 | 92 |
| 21 | A21 | 3 | 4 | 3 | 5 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 5 | 4 | 3 | 4 | 3 | 4 | 5 | 4 | 4 | 4 | 3 | 4 | 97 |
| 22 | A22 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 4 | 3 | 2 | 3 | 4 | 4 | 4 | 2 | 4 | 3 | 4 | 3 | 4 | 2 | 4 | 3 | 4 | 3 | 4 | 85 |
| 23 | A23 | 3 | 4 | 3 | 5 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 5 | 4 | 3 | 4 | 3 | 4 | 5 | 4 | 4 | 4 | 3 | 4 | 97 |
| 24 | A24 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 5 | 5 | 5 | 100 |
| 25 | A25 | 3 | 4 | 5 | 4 | 5 | 3 | 5 | 3 | 5 | 4 | 3 | 3 | 4 | 4 | 2 | 3 | 3 | 3 | 3 | 4 | 2 | 3 | 3 | 3 | 3 | 4 | 91 |
| 26 | A26 | 3 | 4 | 3 | 5 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 5 | 4 | 4 | 4 | 3 | 4 | 96 |
| 27 | A27 | 4 | 5 | 4 | 5 | 5 | 3 | 4 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 5 | 5 | 3 | 4 | 4 | 3 | 4 | 106 |
| 28 | A28 | 4 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 4 | 3 | 2 | 3 | 4 | 4 | 3 | 4 | 71 |
| 29 | A29 | 3 | 4 | 3 | 5 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 5 | 4 | 3 | 4 | 3 | 4 | 5 | 4 | 4 | 4 | 3 | 4 | 98 |
| 30 | A30 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 5 | 5 | 5 | 100 |
| 31 | A31 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 4 | 3 | 2 | 3 | 4 | 4 | 4 | 2 | 4 | 3 | 4 | 3 | 4 | 5 | 4 | 3 | 4 | 3 | 4 | 88 |

Keterangan:

|  |  |
| --- | --- |
| Kode | Indikator Soal |
| A | Perhatian |
| B | Keingintahuan |
| C | Rasa Senang |
| D | Ketertarikan |

*Lampiran 28. Hasil Angket Akhir Minat Belajar Kelas PBL*

**HASIL ANGKET AKHIR MINAT BELAJAR KELAS PBL**

| **No** | **Kode Siswa** | **Nomor Butir Pernyataan** | | | | | | | | | | | | | | | | | | | | | | | | | | **Nilai** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** | **26** |
| **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** | **+** | **-** |
| **A** | **C** | **B** | **D** | **A** | **B** | **C** | **D** | **B** | **A** | **C** | **D** | **B** | **A** | **B** | **C** | **D** | **A** | **D** | **C** | **D** | **B** | **D** | **A** | **C** | **D** |
| 1 | B1 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 4 | 3 | 2 | 3 | 4 | 2 | 3 | 5 | 4 | 3 | 4 | 3 | 4 | 5 | 4 | 4 | 4 | 3 | 4 | 92 |
| 2 | B2 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 4 | 3 | 2 | 3 | 4 | 2 | 3 | 5 | 4 | 3 | 4 | 3 | 4 | 5 | 4 | 4 | 4 | 3 | 4 | 92 |
| 3 | B3 | 4 | 4 | 5 | 4 | 3 | 5 | 5 | 5 | 5 | 5 | 3 | 4 | 3 | 3 | 3 | 5 | 4 | 4 | 4 | 5 | 3 | 3 | 3 | 3 | 4 | 5 | 104 |
| 4 | B4 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 4 | 3 | 2 | 3 | 4 | 2 | 3 | 5 | 4 | 3 | 4 | 3 | 4 | 5 | 4 | 4 | 4 | 3 | 4 | 92 |
| 5 | B5 | 4 | 4 | 5 | 4 | 3 | 5 | 5 | 4 | 5 | 4 | 3 | 4 | 3 | 3 | 3 | 5 | 4 | 4 | 4 | 5 | 3 | 3 | 3 | 3 | 4 | 5 | 102 |
| 6 | B6 | 3 | 4 | 3 | 4 | 4 | 5 | 4 | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 5 | 4 | 4 | 4 | 3 | 4 | 96 |
| 7 | B7 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 5 | 4 | 4 | 4 | 3 | 4 | 94 |
| 8 | B8 | 4 | 4 | 5 | 4 | 3 | 4 | 5 | 4 | 5 | 4 | 3 | 4 | 3 | 3 | 3 | 5 | 4 | 4 | 4 | 5 | 3 | 3 | 3 | 3 | 4 | 5 | 101 |
| 9 | B9 | 3 | 4 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 2 | 3 | 4 | 2 | 3 | 2 | 4 | 3 | 4 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 83 |
| 10 | B10 | 4 | 4 | 3 | 3 | 4 | 3 | 4 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 91 |
| 11 | B11 | 3 | 4 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 2 | 3 | 4 | 2 | 3 | 2 | 4 | 3 | 4 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 83 |
| 12 | B12 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 2 | 3 | 4 | 2 | 3 | 2 | 4 | 3 | 4 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 82 |
| 13 | B13 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 3 | 2 | 3 | 5 | 5 | 5 | 120 |
| 14 | B14 | 3 | 4 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 5 | 4 | 4 | 2 | 3 | 2 | 4 | 3 | 4 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 87 |
| 15 | B15 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 2 | 2 | 3 | 4 | 3 | 4 | 103 |
| 16 | B16 | 4 | 4 | 3 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 5 | 90 |
| 17 | B17 | 3 | 4 | 3 | 4 | 4 | 5 | 4 | 5 | 5 | 5 | 3 | 5 | 3 | 3 | 5 | 4 | 3 | 4 | 3 | 4 | 5 | 4 | 4 | 4 | 3 | 4 | 103 |
| 18 | B18 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 4 | 4 | 4 | 3 | 4 | 79 |
| 19 | B19 | 3 | 4 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 4 | 2 | 4 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 80 |
| 20 | B20 | 3 | 4 | 5 | 5 | 5 | 3 | 5 | 3 | 5 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 4 | 2 | 3 | 3 | 3 | 3 | 4 | 95 |
| 21 | B21 | 3 | 4 | 3 | 5 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 3 | 4 | 101 |
| 22 | B22 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 4 | 3 | 2 | 3 | 4 | 4 | 4 | 2 | 2 | 2 | 3 | 3 | 4 | 2 | 4 | 3 | 4 | 3 | 4 | 81 |
| 23 | B23 | 3 | 4 | 3 | 5 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 5 | 4 | 3 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 3 | 4 | 100 |
| 24 | B24 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 2 | 3 | 5 | 5 | 5 | 91 |
| 25 | B25 | 3 | 2 | 2 | 3 | 2 | 3 | 5 | 3 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 2 | 3 | 3 | 3 | 3 | 4 | 73 |
| 26 | B26 | 3 | 4 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 4 | 5 | 4 | 4 | 4 | 3 | 4 | 84 |
| 27 | B27 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 4 | 5 | 4 | 4 | 4 | 3 | 4 | 82 |
| 28 | B28 | 4 | 2 | 3 | 4 | 4 | 3 | 2 | 4 | 3 | 4 | 2 | 4 | 2 | 4 | 3 | 2 | 2 | 2 | 4 | 3 | 2 | 3 | 4 | 4 | 3 | 4 | 81 |
| 29 | B29 | 3 | 4 | 3 | 5 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 5 | 4 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 3 | 4 | 102 |
| 30 | B30 | 5 | 4 | 5 | 3 | 5 | 5 | 5 | 4 | 5 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 5 | 5 | 5 | 92 |
| 31 | B31 | 3 | 4 | 3 | 2 | 4 | 3 | 5 | 4 | 3 | 4 | 3 | 2 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 4 | 5 | 4 | 3 | 4 | 3 | 4 | 97 |

Keterangan:

|  |  |
| --- | --- |
| Kode | Indikator Soal |
| A | Perhatian |
| B | Keingintahuan |
| C | Rasa Senang |
| D | Ketertarikan |

*Lampiran 29. Lembar Observasi CTL*

**Lembar Observasi Pelaksanaan Pembelajaran**

**(*Contextual Teaching and Learning)***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Aktivitas Guru** | **Ya** | **Tidak** | **Aktivitas Siswa** | **Ya** | **Tidak** |
| **Pendahuluan** | | | | | | |
| 1. | Membuka pelajaran dengan salam dan presensi kehadiran siswa | **√** |  | Menjawab salam dan presensi kehadiran | **√** |  |
| 2. | Memotivasi siswa | **√** |  | Menyimak dan memperhatikan | **√** |  |
| 3. | Apersepsi | **√** |  | Menyimak dan memperhatikan | **√** |  |
| 4. | Menyampaikan tujuan pembelajaran | **√** |  | Menyimak dan memperhatikan | **√** |  |
| **Kegiatab Inti** | | | | | | |
| 1. | Menyampaikan strategi pembelajaran | **√** |  | Memperhatikan/ menyimak | **√** |  |
| 2. | Guru mengaitkan materi yang akan dipelajari dengan masalah di kehidupan nyata. ***Relating* (mengaitkan)** | **√** |  | Menyimak sambil mencermati permasalahan | **√** |  |
| 3. | Memberikan arahan kepada siswa melakukan aktivitas untuk membangun pengetahuan mereka. ***Experiencing* (mengalami)** | **√** |  | Melakukan kegiatan untuk membangun konsep materi | **√** |  |
| 4. | Memberikan permasalahan kepada siswa dilanjutkan meminta bekerja secara kelompok. ***Applying and Cooperating* (menerapkan dan kerjasama)** | **√** |  | Duduk berkelompok dan diskusi | **√** |  |
| 5. | Berkeliling memeriksa jawaban dan mengamati diskusi siswa | **√** |  | Berdiskusi secara kelompok | **√** |  |
| 6. | Presentasi siswa dilanjutkan klarifikasi dari guru terkait hasil presentasi | **√** |  | Presentasi di depan kelas | **√** |  |
| 7. | Guru memberikan permasalahan baru ***Transferring* (memindahkan)** | **√** |  | Memecahkan permasalahan dari guru | **√** |  |
| **Penutup** | | | | | | |
| 1. | Menyampaikan kesimpulan dari kegiatan pembelajaran | **√** |  | Menyimak | **√** |  |
| 2. | Memberikan pesan kepada siswa untuk sering latihan soal | **√** |  | Menyimak | **√** |  |
| 3. | Menyampaikan kompetensi yang akan dipelajari pada pertemuan berikutnya | **√** |  | Menyimak | **√** |  |
| 4. | Menutup pembelajaran dengan salam | **√** |  | Menjawab salam | **√** |  |
| **Persentase Keterlaksanaan** | | 100% |  | **Persentase Keterlaksanaan** |  |  |

*Lampiran 30. Lembar Observasi PBL*

**Lembar Observasi Pelaksanaan Pembelajaran**

**(*Problem Based Learning)***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Aktivitas Guru** | **Ya** | **Tidak** | **Aktivitas Siswa** | **Ya** | **Tidak** |
| **Pendahuluan** | | | | | | |
| 1. | Membuka pelajaran dengan salam dan presensi kehadiran siswa | **√** |  | Menjawab salam dan presensi kehadiran | **√** |  |
| 2. | Memotivasi siswa | **√** |  | Menyimak dan memperhatikan | **√** |  |
| 3. | Apersepsi | **√** |  | Menyimak dan memperhatikan | **√** |  |
| 4. | Menyampaikan tujuan pembelajaran | **√** |  | Menyimak dan memperhatikan | **√** |  |
| **Kegiatab Inti** | | | | | | |
| 1. | Memberi permasalahan kepada siswa.  ***Introduction*** | **√** |  | Mempelajari permasalahan | **√** |  |
| 2. | Meminta siswa berkelompok dan mengidentifikasi masalah yang diberikan.  ***Identifying a problem statement*** | **√** |  | Diskusi untuk mengidentifikasi masalah | **√** |  |
| 3. | Meminta siswa untuk mengumpulkan informasi.  ***Searching for information*** | **√** |  | Mencari informasi dari berbagai sumber. | **√** |  |
| 4. | Meminta siswa menyelesaikan masalah menggunakan informasi yang telah didapatkan.  ***Constructing and supporting evidence for a proposed solution*** | **√** |  | Menyelesaikan masalah | **√** |  |
| 5. | Meminta siswa untuk presentasi.  ***Presentation*** | **√** |  | Presentasi | **√** |  |
| 6. | Meminta siswa lain untuk memberikan tanggapan terkait hasil presentasi. | **√** |  | Menanggapi atau bertanya | **√** |  |
| 7. | Bersama siswa merangkum solusi yang tepat untuk permasalahan yang disajikan dan menyimpulkan.  ***Wrapping up the solution*** | **√** |  | Bersama-sama guru menyimpulkan materi dari permasalahan | **√** |  |
| **Penutup** | | | | | | |
| 1. | Menyampaikan kesimpulan dari kegiatan pembelajaran | **√** |  | Menyimak | **√** |  |
| 2. | Memberikan pesan kepada siswa untuk sering latihan soal | **√** |  | Menyimak | **√** |  |
| 3. | Menyampaikan kompetensi yang akan dipelajari pada pertemuan berikutnya | **√** |  | Menyimak | **√** |  |
| 4. | Menutup pembelajaran dengan salam | **√** |  | Menjawab salam | **√** |  |
| **Persentase Keterlaksanaan** | | **100%** |  | **Persentase Keterlaksanaan** | **100%** |  |

*Lampiran 31. Hasil Analisis Data Post-test*

**Hasil Uji Normalitas Post-Test Kelas CTL dan PBL**

**Kelas CTL**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tests of Normality** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Statistic | df | Sig. | Statistic | df | Sig. |
| KELAS\_CTL | .145 | 31 | .095 | .956 | 31 | .231 |

Data dikatakan normal apabila nilai sig. > 0.05. tabel ***Tests of Normality*** menunjukkan nilai sig. > 0.05. Berdasarkan hal tersebut data *post-test* pada kelas CTL terbukti normal.

**Kelas PBL**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tests of Normality** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Statistic | Df | Sig. | Statistic | df | Sig. |
| POS\_PBL | .134 | 31 | .169 | .951 | 31 | .167 |

Data dikatakan normal apabila nilai sig. > 0.05. tabel ***Tests of Normality*** menunjukkan nilai sig. > 0.05. Berdasarkan hal tersebut data *post-test* pada kelas PBL terbukti berdistribusi normal.

**Hasil Uji Homogenitas Post-Test Kelas CTL dan PBL**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test of Homogeneity of Variances** | | | | | |
|  | | Levene Statistic | df1 | df2 | Sig. |
| NILAI *POST-TEST* | Based on Mean | .121 | 1 | 60 | .729 |
| Based on Median | .070 | 1 | 60 | .793 |
| Based on Median and with adjusted df | .070 | 1 | 59.799 | .793 |
| Based on trimmed mean | .104 | 1 | 60 | .748 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | |
| NILAI POSTTEST | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 79.032 | 1 | 79.032 | 1.378 | .245 |
| Within Groups | 3441.935 | 60 | 57.366 |  |  |
| Total | 3520.968 | 61 |  |  |  |

Data dikatakan homogen apabila nilai sig. > 0.05. tabel ***Test of Homogeneity of Variances*** menunjukkan nilai sig. > 0.05. Berdasarkan hal tersebut data angket minat belajar matematika pada kelas CTL dan PBL terbukti homogen.

*Lampiran 32. Hasil Analisis Data Angket Akhir Minat Belajar*

**Hasil Uji Normalitas Angket Akhir Minat Belajar Kelas CTL dan PBL**

**Kelas CTL**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tests of Normality** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Statistic | df | Sig. | Statistic | df | Sig. |
| ANGKET\_CTL | .107 | 31 | .200\* | .973 | 31 | .598 |

Data dikatakan normal apabila nilai sig. > 0.05. tabel ***Tests of Normality*** menunjukkan nilai sig. > 0.05. Berdasarkan hal tersebut data pada Angket Minat Belajar Matematika kelas CTL terbukti normal.

**Kelas PBL**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tests of Normality** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Statistic | df | Sig. | Statistic | df | Sig. |
| ANGKET\_PBL | .111 | 31 | .200\* | .957 | 31 | .237 |

Data dikatakan normal apabila nilai sig. > 0.05. tabel ***Tests of Normality*** menunjukkan nilai sig. > 0.05. Berdasarkan hal tersebut data pada Angket Minat Belajar Matematika kelas PBL terbukti normal.

**Hasil Uji Homogenitas Angket Akhir Minat Belajar Kelas CTL dan PBL**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test of Homogeneity of Variances** | | | | | |
|  | | Levene Statistic | df1 | df2 | Sig. |
| SKOR TOTAL | Based on Mean | .276 | 1 | 60 | .601 |
| Based on Median | .369 | 1 | 60 | .546 |
| Based on Median and with adjusted df | .369 | 1 | 59.832 | .546 |
| Based on trimmed mean | .310 | 1 | 60 | .580 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | |
| SKOR TOTAL | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 198.726 | 1 | 198.726 | 2.103 | .152 |
| Within Groups | 5670.323 | 60 | 94.505 |  |  |
| Total | 5869.048 | 61 |  |  |  |

Data dikatakan homogen apabila nilai sig. > 0.05. tabel ***Test of Homogeneity of Variances*** menunjukkan nilai sig. > 0.05. Berdasarkan hal tersebut data angket minat belajar matematika pada kelas CTL dan PBL terbukti homogen.

**Hasil Uji Hipotesis Pertama (Kelas CTL)**

**Hasil *Post-Test* Kemampuan Literasi Matematika Kelas CTL**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **One-Sample Test** | | | | | | |
|  | Test Value = 75 | | | | | |
| t | df | Sig. (2-tailed) | Mean Difference | 95% Confidence Interval of the Difference | |
| Lower | Upper |
| NILAI | 3.698 | 30 | .001 | 5.000 | 2.24 | 7.76 |

Nilai signifikansi (1-tailed) < 0,05, maka Pendekatan CTL efektif ditinjau dari literasi matematis siswa.

**Hasil Angket Akhir Minat Belajar Siswa Kelas CTL**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **One-Sample Test** | | | | | | |
|  | Test Value = 75 | | | | | |
| t | df | Sig. (2-tailed) | Mean Difference | 95% Confidence Interval of the Difference | |
| Lower | Upper |
| SKOR | 12.217 | 30 | .000 | 20.613 | 17.17 | 24.06 |

Nilai signifikansi (1-tailed) < 0,05, maka Pendekatan CTL efektif ditinjau dari minat belajar siswa

**Kesimpulan: Hipotesis Pertama**

Pendekatan CTL efektif ditinjau dari minat belajar dan literasi matematika siswa.

**Hasil Uji Hipotesis Kedua (Kelas PBL)**

**Hasil *Post-Test* Kemampuan Literasi Matematika Kelas PBL**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **One-Sample Test** | | | | | | |
|  | Test Value = 75 | | | | | |
| t | df | Sig. (2-tailed) | Mean Difference | 95% Confidence Interval of the Difference | |
| Lower | Upper |
| POS\_PBL | 2.875 | 30 | .007 | 3.710 | 1.07 | 6.34 |

Nilai signifikansi (1-tailed) < 0,05, maka Pendekatan PBL efektif ditinjau dari literasi matematis siswa.

**Hasil Angket Minat Belajar Siswa Kelas PBL**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **One-Sample Test** | | | | | | |
|  | Test Value = 75 | | | | | |
| t | df | Sig. (2-tailed) | Mean Difference | 95% Confidence Interval of the Difference | |
| Lower | Upper |
| SKOR\_PBL | 9.447 | 30 | .000 | 17.032 | 13.35 | 20.71 |

Nilai signifikansi (1-tailed) < 0,05, maka Pendekatan PBL efektif ditinjau dari minat belajar siswa.

**Kesimpulan: Hipotesis Kedua**

Pendekatan PBL efektif ditinjau dari minat belajar dan literasi matematika siswa.

**Hasil Uji Perbedaan Efektivitas**

**Hasil Uji Perbedaan Efektivitas Pendekatan CTL dan PBL ditinjau kemampuan literasi matematika.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Group Statistics** | | | | | |
|  | KELAS | N | Mean | Std. Deviation | Std. Error Mean |
| POST TEST | CTL | 31 | 80.00 | 7.528 | 1.352 |
| PBL | 31 | 78.71 | 7.184 | 1.290 |

Berdasarkan hasil dari tabel tersebut, nilai rata-rata post-test kemampuan literasi matematika siswa untuk kelas CTL adalah 80.00, sedangkan untuk kelas PBL adalah 78.71. Dengan demikian secara deskriptif statistic dapat disimpulkan ada perbedaan rata-rata antara kedua kelas.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Independent Samples Test** | | | | | | | | | | |
|  | | Levene's Test for Equality of Variances | | t-test for Equality of Means | | | | | | |
| F | Sig. | t | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference | |
| Lower | Upper |
| POSTTEST | Equal variances assumed | .013 | .909 | .690 | 60 | .493 | 1.290 | 1.869 | -2.448 | 5.029 |
| Equal variances not assumed |  |  | .690 | 59.870 | .493 | 1.290 | 1.869 | -2.448 | 5.029 |

Berdasarkan dari hasil tabel tersebut, diketahui bahwa nilai Sig. (2-tailed) sebesar 0.493 > 0.05, maka sebagaimana dasar pengambilan keputusan dalam uji independent sampeles test dapat disimpulkan H0 diterima dan H1 ditolak. Artinya bahwa tidak ada perbedaan yang signifikan kelas CTL dan PBL ditinjau dari literasi matematika.

**Hasil Uji Perbedaan Efektivitas Pendekatan CTL dan PBL ditinjau minat belajar siswa.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Group Statistics** | | | | | |
|  | KELAS | N | Mean | Std. Deviation | Std. Error Mean |
| Angket | CTL | 31 | 86.06 | 7.629 | 1.370 |
| PBL | 31 | 66.06 | 7.668 | 1.377 |

Berdasarkan hasil dari tabel tersebut, nilai rata-rata post-test kemampuan literasi matematika siswa untuk kelas CTL adalah 86.06, sedangkan untuk kelas PBL adalah 66.06. Dengan demikian secara deskriptif statistic dapat disimpulkan ada perbedaan rata-rata antara kedua kelas.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Independent Samples Test** | | | | | | | | | | |
|  | | Levene's Test for Equality of Variances | | t-test for Equality of Means | | | | | | |
| F | Sig. | t | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference | |
| Lower | Upper |
| Angket | Equal variances assumed | .170 | .682 | 10.295 | 60 | .000 | 20.000 | 1.943 | 16.114 | 23.886 |
| Equal variances not assumed |  |  | 10.295 | 59.998 | .000 | 20.000 | 1.943 | 16.114 | 23.886 |

Berdasarkan dari hasil tabel tersebut, diketahui bahwa nilai Sig. (2-tailed) sebesar 0.493 > 0.05, maka sebagaimana dasar pengambilan keputusan dalam uji independent sampeles test dapat disimpulkan H0 ditolakdan H1 diterima. Artinya bahwa ada perbedaan yang signifikan antara kelas CTL dan PBL ditinjau dari minat belajar siswa.