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# LAMPIRAN

Lampiran 1 Kuisioner Penelitian

**A. IDENTITAS RESPONDEN**

Nama :

Umur :

Status lahan yang dikelola :

Lama bertani :

**B. DAFTAR PERTANYAAN**

1. Berapa luas lahan yang Bapak/Ibu garap?
   Jawaban :
2. Berapa jumlah bibit yang digunakan untuk satu kali masa panen?
   Jawaban :
3. Berapa biaya bibit yang digunakan untuk satu kali masa panen?
   Jawaban :
4. Berapa jumlah pupuk yang digunakan untuk satu kali masa panen?
   Jawaban :
5. Berapa biaya pupuk yang digunakan untuk satu kali masa panen?
   Jawaban :
6. Berapa jumlah pestisida yang digunakan untuk satu kali masa panen?
   Jawaban :
7. Berapa biaya pestisida yang digunakan untuk satu kali masa panen?
   Jawaban :
8. Berapa jumlah tenaga kerja yang digunakan untuk satu kali masa panen?
   Jawaban :
9. Berapa biaya tenaga kerja yang digunakan untuk satu kali masa panen?
   Jawaban :
10. Berapa jumlah jagung yang dijual dalam satu kali musim panen?
    a. Tahun 2018 : kg.
    b. Tahun 2019 : kg.
    c. Tahun 2020 : kg.
    d. Tahun 2021 : kg.
    e. Tahun 2022 : kg.

11. Berapa rata-rata harga jual jagung perkilogram?

Lampiran 2 Data Produksi Jagung tahun 2018

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 1 | 2 | 5 | 2,500 | 3 | 3 | 1,500 |
| 2 | 2 | 20 | 10,000 | 10 | 13 | 6,000 |
| 3 | 4 | 6 | 2,600 | 6 | 3 | 1,000 |
| 4 | 5 | 10 | 5,000 | 8 | 10 | 1,300 |
| 5 | 2 | 8 | 2,800 | 5 | 3 | 1,000 |
| 6 | 3 | 20 | 10,000 | 6 | 2 | 1,000 |
| 7 | 3 | 10 | 5,000 | 20 | 10 | 3,000 |
| 8 | 3 | 20 | 10,000 | 15 | 10 | 6,300 |
| 9 | 2 | 11 | 5,000 | 8 | 4 | 2,100 |
| 10 | 5 | 20 | 10,000 | 10 | 6 | 4,000 |
| 11 | 3 | 15 | 7,500 | 8 | 5 | 3,000 |
| 12 | 4 | 18 | 10,000 | 10 | 5 | 3,000 |
| 13 | 2 | 13 | 7,500 | 10 | 5 | 2,500 |

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 14 | 5 | 20 | 10,000 | 13 | 6 | 3,500 |
| 15 | 4 | 15 | 7,500 | 15 | 4 | 4,300 |
| 16 | 2 | 5 | 2,500 | 3 | 2 | 1,500 |
| 17 | 4 | 6 | 2,600 | 5 | 3 | 1,100 |
| 18 | 2 | 6 | 2,600 | 5 | 2 | 900 |
| 19 | 3 | 10 | 5,000 | 7 | 8 | 1,500 |
| 20 | 4 | 15 | 7,500 | 13 | 8 | 3,100 |
| 21 | 2 | 6 | 2,600 | 6 | 3 | 800 |
| 22 | 3 | 5 | 2,500 | 4 | 3 | 700 |
| 23 | 2 | 8 | 2,800 | 5 | 4 | 1,000 |
| 24 | 5 | 20 | 10,000 | 10 | 10 | 2,000 |
| 25 | 3 | 7 | 2,600 | 6 | 4 | 900 |
| 26 | 3 | 10 | 5,000 | 6 | 3 | 2,500 |
| 27 | 6 | 10 | 5,000 | 5 | 4 | 1,500 |
| 28 | 2 | 15 | 7,500 | 8 | 5 | 2,000 |

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 29 | 3 | 20 | 10,000 | 10 | 10 | 3,000 |
| 30 | 2 | 5 | 2,500 | 3 | 3 | 700 |
| 31 | 4 | 8 | 2,800 | 5 | 4 | 800 |
| 32 | 2 | 5 | 2,500 | 3 | 2 | 800 |
| 33 | 4 | 11 | 5,000 | 10 | 5 | 2,100 |
| 34 | 3 | 15 | 7,500 | 10 | 10 | 3,000 |
| 35 | 2 | 13 | 13,000 | 8 | 10 | 4,000 |
| 36 | 3 | 10 | 5,000 | 8 | 5 | 2,100 |
| 37 | 3 | 8 | 5,000 | 5 | 3 | 1,000 |
| 38 | 3 | 6 | 2,600 | 3 | 2 | 750 |
| 39 | 5 | 20 | 10,000 | 15 | 15 | 3,100 |
| 40 | 2 | 15 | 7,500 | 10 | 7 | 2,500 |
| 41 | 4 | 13 | 5,000 | 7 | 10 | 2,000 |
| 42 | 5 | 20 | 10,000 | 15 | 15 | 3,000 |
| 43 | 2 | 10 | 5,000 | 10 | 3 | 1,800 |

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 44 | 3 | 8 | 5,000 | 5 | 4 | 1,500 |
| 45 | 2 | 15 | 7,600 | 11 | 8 | 3,000 |
| 46 | 3 | 5 | 2,500 | 2 | 3 | 700 |
| 47 | 2 | 7 | 2,500 | 3 | 3 | 800 |
| 48 | 5 | 20 | 10,000 | 15 | 20 | 2,000 |
| 49 | 3 | 7 | 2,500 | 3 | 3 | 850 |
| 50 | 3 | 8 | 2,800 | 3 | 4 | 700 |
| 51 | 6 | 40 | 20,000 | 20 | 18 | 10,000 |
| 52 | 2 | 10 | 5,000 | 7 | 7 | 1,000 |
| 53 | 2 | 7 | 2,700 | 2 | 2 | 800 |
| 54 | 5 | 20 | 10,000 | 11 | 9 | 2,500 |
| 55 | 2 | 15 | 7,500 | 10 | 10 | 2,000 |
| 56 | 3 | 7 | 2,700 | 5 | 3 | 950 |
| 57 | 3 | 10 | 5,000 | 5 | 3 | 1,000 |
| 58 | 2 | 5 | 2,500 | 2 | 2 | 650 |

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 59 | 3 | 8 | 2,800 | 3 | 3 | 900 |
| 60 | 4 | 10 | 5,000 | 5 | 6 | 1,500 |
| 61 | 3 | 15 | 7,700 | 18 | 10 | 1,900 |
| 62 | 4 | 13 | 7,500 | 10 | 10 | 2,000 |
| 63 | 3 | 8 | 5,000 | 4 | 4 | 1,400 |
| 64 | 2 | 5 | 2,500 | 2 | 2 | 500 |
| 65 | 3 | 15 | 7,500 | 10 | 7 | 2,000 |

Lampiran 3 Data Produksi Jagung Tahun 2019

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y (Jagung) |
|---|---|---|---|---|---|---|
| 1 | 2 | 5 | 2,500 | 3 | 3 | 1,200 |
| 2 | 2 | 20 | 10,000 | 10 | 13 | 7,000 |
| 3 | 4 | 6 | 2,600 | 6 | 3 | 1,000 |
| 4 | 5 | 10 | 5,000 | 8 | 10 | 2,000 |
| 5 | 2 | 8 | 2,800 | 5 | 3 | 1,200 |
| 6 | 3 | 20 | 10,000 | 6 | 2 | 800 |
| 7 | 3 | 10 | 5,000 | 20 | 10 | 2,800 |
| 8 | 3 | 20 | 10,000 | 15 | 10 | 7,000 |
| 9 | 2 | 11 | 5,000 | 8 | 4 | 2,000 |
| 10 | 5 | 20 | 10,000 | 10 | 6 | 4,100 |
| 11 | 3 | 15 | 7,500 | 8 | 5 | 3,150 |
| 12 | 4 | 18 | 10,000 | 10 | 5 | 3,500 |

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y (Jagung) |
|---|---|---|---|---|---|---|
| 13 | 2 | 13 | 7,500 | 10 | 5 | 2,600 |
| 14 | 5 | 20 | 10,000 | 13 | 6 | 4,000 |
| 15 | 4 | 15 | 7,500 | 15 | 4 | 4,900 |
| 16 | 2 | 5 | 2,500 | 3 | 2 | 1,300 |
| 17 | 4 | 6 | 2,600 | 5 | 3 | 1,000 |
| 18 | 2 | 6 | 2,600 | 5 | 2 | 1,000 |
| 19 | 3 | 10 | 5,000 | 7 | 8 | 1,500 |
| 20 | 4 | 15 | 7,500 | 13 | 8 | 3,000 |
| 21 | 2 | 6 | 2,600 | 6 | 3 | 850 |
| 22 | 3 | 5 | 2,500 | 4 | 3 | 700 |
| 23 | 2 | 8 | 2,800 | 5 | 4 | 1,150 |
| 24 | 5 | 20 | 10,000 | 10 | 10 | 2,100 |
| 25 | 3 | 7 | 2,600 | 6 | 4 | 900 |
| 26 | 3 | 10 | 5,000 | 6 | 3 | 2,500 |

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y (Jagung) |
|---|---|---|---|---|---|---|
| 27 | 6 | 10 | 5,000 | 5 | 4 | 1,500 |
| 28 | 2 | 15 | 7,500 | 8 | 5 | 2,200 |
| 29 | 3 | 20 | 10,000 | 10 | 10 | 3,000 |
| 30 | 2 | 5 | 2,500 | 3 | 3 | 780 |
| 31 | 4 | 8 | 2,800 | 5 | 4 | 850 |
| 32 | 2 | 5 | 2,500 | 3 | 2 | 800 |
| 33 | 4 | 11 | 5,000 | 10 | 5 | 2,000 |
| 34 | 3 | 15 | 7,500 | 10 | 10 | 3,500 |
| 35 | 2 | 13 | 13,000 | 8 | 10 | 4,000 |
| 36 | 3 | 10 | 5,000 | 8 | 5 | 2,000 |
| 37 | 3 | 8 | 5,000 | 5 | 3 | 1,300 |
| 38 | 3 | 6 | 2,600 | 3 | 2 | 800 |
| 39 | 5 | 20 | 10,000 | 15 | 15 | 3,000 |
| 40 | 2 | 15 | 7,500 | 10 | 7 | 2,500 |

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y (Jagung) |
|---|---|---|---|---|---|---|
| 41 | 4 | 13 | 5,000 | 7 | 10 | 2,000 |
| 42 | 5 | 20 | 10,000 | 15 | 15 | 3,000 |
| 43 | 2 | 10 | 5,000 | 10 | 3 | 2,000 |
| 44 | 3 | 8 | 5,000 | 5 | 4 | 1,500 |
| 45 | 2 | 15 | 7,600 | 11 | 8 | 3,000 |
| 46 | 3 | 5 | 2,500 | 2 | 3 | 750 |
| 47 | 2 | 7 | 2,500 | 3 | 3 | 800 |
| 48 | 5 | 20 | 10,000 | 15 | 20 | 2,000 |
| 49 | 3 | 7 | 2,500 | 3 | 3 | 800 |
| 50 | 3 | 8 | 2,800 | 3 | 4 | 800 |
| 51 | 6 | 40 | 20,000 | 20 | 18 | 10,000 |
| 52 | 2 | 10 | 5,000 | 7 | 7 | 1,000 |
| 53 | 2 | 7 | 2,700 | 2 | 2 | 900 |
| 54 | 5 | 20 | 10,000 | 11 | 9 | 2,500 |

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y (Jagung) |
|---|---|---|---|---|---|---|
| 55 | 2 | 15 | 7,500 | 10 | 10 | 2,000 |
| 56 | 3 | 7 | 2,700 | 5 | 3 | 900 |
| 57 | 3 | 10 | 5,000 | 5 | 3 | 900 |
| 58 | 2 | 5 | 2,500 | 2 | 2 | 700 |
| 59 | 3 | 8 | 2,800 | 3 | 3 | 900 |
| 60 | 4 | 10 | 5,000 | 5 | 6 | 1,500 |
| 61 | 3 | 15 | 7,700 | 18 | 10 | 2,000 |
| 62 | 4 | 13 | 7,500 | 10 | 10 | 2,000 |
| 63 | 3 | 8 | 5,000 | 4 | 4 | 1,500 |
| 64 | 2 | 5 | 2,500 | 2 | 2 | 650 |
| 65 | 3 | 15 | 7,500 | 10 | 7 | 2,000 |

Lampiran 4 Data Produksi Jagung Tahun 2020

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 1 | 2 | 5 | 2,500 | 3 | 3 | 1,500 |
| 2 | 2 | 20 | 10,000 | 10 | 13 | 3,000 |
| 3 | 4 | 6 | 2,600 | 6 | 3 | 800 |
| 4 | 5 | 10 | 5,000 | 8 | 10 | 800 |
| 5 | 2 | 8 | 2,800 | 5 | 3 | 900 |
| 6 | 3 | 20 | 10,000 | 6 | 2 | 800 |
| 7 | 3 | 10 | 5,000 | 20 | 10 | 2,800 |
| 8 | 3 | 20 | 10,000 | 15 | 10 | 6,500 |
| 9 | 2 | 11 | 5,000 | 8 | 4 | 1,500 |
| 10 | 5 | 20 | 10,000 | 10 | 6 | 3,000 |
| 11 | 3 | 15 | 7,500 | 8 | 5 | 2,500 |
| 12 | 4 | 18 | 10,000 | 10 | 5 | 2,700 |
| 13 | 2 | 13 | 7,500 | 10 | 5 | 2,000 |

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 14 | 5 | 20 | 10,000 | 13 | 6 | 3,500 |
| 15 | 4 | 15 | 7,500 | 15 | 4 | 4,800 |
| 16 | 2 | 5 | 2,500 | 3 | 2 | 1,300 |
| 17 | 4 | 6 | 2,600 | 5 | 3 | 1,000 |
| 18 | 2 | 6 | 2,600 | 5 | 2 | 950 |
| 19 | 3 | 10 | 5,000 | 7 | 8 | 1,000 |
| 20 | 4 | 15 | 7,500 | 13 | 8 | 2,500 |
| 21 | 2 | 6 | 2,600 | 6 | 3 | 700 |
| 22 | 3 | 5 | 2,500 | 4 | 3 | 500 |
| 23 | 2 | 8 | 2,800 | 5 | 4 | 800 |
| 24 | 5 | 20 | 10,000 | 10 | 10 | 1,500 |
| 25 | 3 | 7 | 2,600 | 6 | 4 | 800 |
| 26 | 3 | 10 | 5,000 | 6 | 3 | 2,200 |
| 27 | 6 | 10 | 5,000 | 5 | 4 | 1,300 |
| 28 | 2 | 15 | 7,500 | 8 | 5 | 2,000 |

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 29 | 3 | 20 | 10,000 | 10 | 10 | 2,000 |
| 30 | 2 | 5 | 2,500 | 3 | 3 | 500 |
| 31 | 4 | 8 | 2,800 | 5 | 4 | 500 |
| 32 | 2 | 5 | 2,500 | 3 | 2 | 600 |
| 33 | 4 | 11 | 5,000 | 10 | 5 | 1,500 |
| 34 | 3 | 15 | 7,500 | 10 | 10 | 2,000 |
| 35 | 2 | 13 | 13,000 | 8 | 10 | 3,600 |
| 36 | 3 | 10 | 5,000 | 8 | 5 | 1,800 |
| 37 | 3 | 8 | 5,000 | 5 | 3 | 1,000 |
| 38 | 3 | 6 | 2,600 | 3 | 2 | 550 |
| 39 | 5 | 20 | 10,000 | 15 | 15 | 2,700 |
| 40 | 2 | 15 | 7,500 | 10 | 7 | 1,800 |
| 41 | 4 | 13 | 5,000 | 7 | 10 | 1,500 |
| 42 | 5 | 20 | 10,000 | 15 | 15 | 1,000 |
| 43 | 2 | 10 | 5,000 | 10 | 3 | 1,500 |

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 44 | 3 | 8 | 5,000 | 5 | 4 | 1,000 |
| 45 | 2 | 15 | 7,600 | 11 | 8 | 2,000 |
| 46 | 3 | 5 | 2,500 | 2 | 3 | 400 |
| 47 | 2 | 7 | 2,500 | 3 | 3 | 500 |
| 48 | 5 | 20 | 10,000 | 15 | 20 | 1,000 |
| 49 | 3 | 7 | 2,500 | 3 | 3 | 750 |
| 50 | 3 | 8 | 2,800 | 3 | 4 | 700 |
| 51 | 6 | 40 | 20,000 | 20 | 18 | 6,000 |
| 52 | 2 | 10 | 5,000 | 7 | 7 | 500 |
| 53 | 2 | 7 | 2,700 | 2 | 2 | 500 |
| 54 | 5 | 20 | 10,000 | 11 | 9 | 2,000 |
| 55 | 2 | 15 | 7,500 | 10 | 10 | 1,500 |
| 56 | 3 | 7 | 2,700 | 5 | 3 | 680 |
| 57 | 3 | 10 | 5,000 | 5 | 3 | 500 |
| 58 | 2 | 5 | 2,500 | 2 | 2 | 500 |

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 59 | 3 | 8 | 2,800 | 3 | 3 | 500 |
| 60 | 4 | 10 | 5,000 | 5 | 6 | 1,000 |
| 61 | 3 | 15 | 7,700 | 18 | 10 | 1,000 |
| 62 | 4 | 13 | 7,500 | 10 | 10 | 1,400 |
| 63 | 3 | 8 | 5,000 | 4 | 4 | 1,100 |
| 64 | 2 | 5 | 2,500 | 2 | 2 | 500 |
| 65 | 3 | 15 | 7,500 | 10 | 7 | 1,800 |

Lampiran 5 Data Produksi Jagung Tahun 2021

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 1 | 2 | 5 | 2,500 | 3 | 3 | 1,500 |
| 2 | 2 | 20 | 10,000 | 10 | 13 | 7,000 |
| 3 | 4 | 6 | 2,600 | 6 | 3 | 1,300 |
| 4 | 5 | 10 | 5,000 | 8 | 10 | 1,200 |
| 5 | 2 | 8 | 2,800 | 5 | 3 | 2,000 |
| 6 | 3 | 20 | 10,000 | 6 | 2 | 1,000 |
| 7 | 3 | 10 | 5,000 | 20 | 10 | 3,000 |
| 8 | 3 | 20 | 10,000 | 15 | 10 | 6,500 |
| 9 | 2 | 11 | 5,000 | 8 | 4 | 2,000 |
| 10 | 5 | 20 | 10,000 | 10 | 6 | 3,500 |
| 11 | 3 | 15 | 7,500 | 8 | 5 | 3,000 |
| 12 | 4 | 18 | 10,000 | 10 | 5 | 3,200 |
| 13 | 2 | 13 | 7,500 | 10 | 5 | 2,400 |

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 14 | 5 | 20 | 10,000 | 13 | 6 | 4,000 |
| 15 | 4 | 15 | 7,500 | 15 | 4 | 4,100 |
| 16 | 2 | 5 | 2,500 | 3 | 2 | 1,300 |
| 17 | 4 | 6 | 2,600 | 5 | 3 | 1,000 |
| 18 | 2 | 6 | 2,600 | 5 | 2 | 900 |
| 19 | 3 | 10 | 5,000 | 7 | 8 | 1,400 |
| 20 | 4 | 15 | 7,500 | 13 | 8 | 3,000 |
| 21 | 2 | 6 | 2,600 | 6 | 3 | 800 |
| 22 | 3 | 5 | 2,500 | 4 | 3 | 700 |
| 23 | 2 | 8 | 2,800 | 5 | 4 | 1,300 |
| 24 | 5 | 20 | 10,000 | 10 | 10 | 2,500 |
| 25 | 3 | 7 | 2,600 | 6 | 4 | 1,000 |
| 26 | 3 | 10 | 5,000 | 6 | 3 | 2,500 |
| 27 | 6 | 10 | 5,000 | 5 | 4 | 1,500 |
| 28 | 2 | 15 | 7,500 | 8 | 5 | 2,500 |

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 29 | 3 | 20 | 10,000 | 10 | 10 | 2,800 |
| 30 | 2 | 5 | 2,500 | 3 | 3 | 770 |
| 31 | 4 | 8 | 2,800 | 5 | 4 | 800 |
| 32 | 2 | 5 | 2,500 | 3 | 2 | 750 |
| 33 | 4 | 11 | 5,000 | 10 | 5 | 2,000 |
| 34 | 3 | 15 | 7,500 | 10 | 10 | 2,000 |
| 35 | 2 | 13 | 13,000 | 8 | 10 | 3,900 |
| 36 | 3 | 10 | 5,000 | 8 | 5 | 2,000 |
| 37 | 3 | 8 | 5,000 | 5 | 3 | 1,000 |
| 38 | 3 | 6 | 2,600 | 3 | 2 | 700 |
| 39 | 5 | 20 | 10,000 | 15 | 15 | 3,000 |
| 40 | 2 | 15 | 7,500 | 10 | 7 | 2,000 |
| 41 | 4 | 13 | 5,000 | 7 | 10 | 1,500 |
| 42 | 5 | 20 | 10,000 | 15 | 15 | 1,400 |
| 43 | 2 | 10 | 5,000 | 10 | 3 | 1,500 |

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 44 | 3 | 8 | 5,000 | 5 | 4 | 1,500 |
| 45 | 2 | 15 | 7,600 | 11 | 8 | 2,800 |
| 46 | 3 | 5 | 2,500 | 2 | 3 | 750 |
| 47 | 2 | 7 | 2,500 | 3 | 3 | 850 |
| 48 | 5 | 20 | 10,000 | 15 | 20 | 1,800 |
| 49 | 3 | 7 | 2,500 | 3 | 3 | 800 |
| 50 | 3 | 8 | 2,800 | 3 | 4 | 750 |
| 51 | 6 | 40 | 20,000 | 20 | 18 | 8,000 |
| 52 | 2 | 10 | 5,000 | 7 | 7 | 1,800 |
| 53 | 2 | 7 | 2,700 | 2 | 2 | 800 |
| 54 | 5 | 20 | 10,000 | 11 | 9 | 2,000 |
| 55 | 2 | 15 | 7,500 | 10 | 10 | 1,800 |
| 56 | 3 | 7 | 2,700 | 5 | 3 | 1,000 |
| 57 | 3 | 10 | 5,000 | 5 | 3 | 1,000 |
| 58 | 2 | 5 | 2,500 | 2 | 2 | 800 |

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 59 | 3 | 8 | 2,800 | 3 | 3 | 900 |
| 60 | 4 | 10 | 5,000 | 5 | 6 | 1,000 |
| 61 | 3 | 15 | 7,700 | 18 | 10 | 1,500 |
| 62 | 4 | 13 | 7,500 | 10 | 10 | 1,500 |
| 63 | 3 | 8 | 5,000 | 4 | 4 | 1,500 |
| 64 | 2 | 5 | 2,500 | 2 | 2 | 500 |
| 65 | 3 | 15 | 7,500 | 10 | 7 | 2,000 |

Lampiran 6 Data Produksi Jagung Tahun 2022

| NO | TENAGA KERJA (Jumlah) | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 1 | 2 | 5 | 2,500 | 3 | 3 | 900 |
| 2 | 2 | 20 | 10,000 | 10 | 13 | 45,000 |
| 3 | 4 | 6 | 2,600 | 6 | 3 | 1,200 |
| 4 | 5 | 10 | 5,000 | 8 | 10 | 2,000 |
| 5 | 2 | 8 | 2,800 | 5 | 3 | 1,900 |
| 6 | 3 | 20 | 10,000 | 6 | 2 | 1,000 |
| 7 | 3 | 10 | 5,000 | 20 | 10 | 3,000 |
| 8 | 3 | 20 | 10,000 | 15 | 10 | 7,000 |
| 9 | 2 | 11 | 5,000 | 8 | 4 | 1,800 |
| 10 | 5 | 20 | 10,000 | 10 | 6 | 3,000 |

| NO | TENAGA KERJA | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 11 | 3 | 15 | 7,500 | 8 | 5 | 2,800 |
| 12 | 4 | 18 | 10,000 | 10 | 5 | 3,500 |
| 13 | 2 | 13 | 7,500 | 10 | 5 | 2,700 |
| 14 | 5 | 20 | 10,000 | 13 | 6 | 4,300 |
| 15 | 4 | 15 | 7,500 | 15 | 4 | 4,500 |
| 16 | 2 | 5 | 2,500 | 3 | 2 | 1,100 |
| 17 | 4 | 6 | 2,600 | 5 | 3 | 1,300 |
| 18 | 2 | 6 | 2,600 | 5 | 2 | 1,000 |
| 19 | 3 | 10 | 5,000 | 7 | 8 | 1,500 |
| 20 | 4 | 15 | 7,500 | 13 | 8 | 3,300 |
| 21 | 2 | 6 | 2,600 | 6 | 3 | 1,000 |
| 22 | 3 | 5 | 2,500 | 4 | 3 | 850 |

| NO | TENAGA KERJA | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 23 | 2 | 8 | 2,800 | 5 | 4 | 1,000 |
| 24 | 5 | 20 | 10,000 | 10 | 10 | 2,500 |
| 25 | 3 | 7 | 2,600 | 6 | 4 | 1,000 |
| 26 | 3 | 10 | 5,000 | 6 | 3 | 2,500 |
| 27 | 6 | 10 | 5,000 | 5 | 4 | 1,500 |
| 28 | 2 | 15 | 7,500 | 8 | 5 | 2,300 |
| 29 | 3 | 20 | 10,000 | 10 | 10 | 3,100 |
| 30 | 2 | 5 | 2,500 | 3 | 3 | 800 |
| 31 | 4 | 8 | 2,800 | 5 | 4 | 800 |
| 32 | 2 | 5 | 2,500 | 3 | 2 | 890 |
| 33 | 4 | 11 | 5,000 | 10 | 5 | 2,000 |
| 34 | 3 | 15 | 7,500 | 10 | 10 | 3,300 |

| NO | TENAGA KERJA | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 35 | 2 | 13 | 13,000 | 8 | 10 | 4,000 |
| 36 | 3 | 10 | 5,000 | 8 | 5 | 2,000 |
| 37 | 3 | 8 | 5,000 | 5 | 3 | 1,500 |
| 38 | 3 | 6 | 2,600 | 3 | 2 | 800 |
| 39 | 5 | 20 | 10,000 | 15 | 15 | 3,000 |
| 40 | 2 | 15 | 7,500 | 10 | 7 | 2,500 |
| 41 | 4 | 13 | 5,000 | 7 | 10 | 2,300 |
| 42 | 5 | 20 | 10,000 | 15 | 15 | 4,000 |
| 43 | 2 | 10 | 5,000 | 10 | 3 | 2,500 |
| 44 | 3 | 8 | 5,000 | 5 | 4 | 2,000 |
| 45 | 2 | 15 | 7,600 | 11 | 8 | 3,200 |
| 46 | 3 | 5 | 2,500 | 2 | 3 | 800 |

| NO | TENAGA KERJA | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 47 | 2 | 7 | 2,500 | 3 | 3 | 700 |
| 48 | 5 | 20 | 10,000 | 15 | 20 | 2,000 |
| 49 | 3 | 7 | 2,500 | 3 | 3 | 800 |
| 50 | 3 | 8 | 2,800 | 3 | 4 | 750 |
| 51 | 6 | 40 | 20,000 | 20 | 18 | 9,000 |
| 52 | 2 | 10 | 5,000 | 7 | 7 | 2,000 |
| 53 | 2 | 7 | 2,700 | 2 | 2 | 1,000 |
| 54 | 5 | 20 | 10,000 | 11 | 9 | 2,500 |
| 55 | 2 | 15 | 7,500 | 10 | 10 | 2,000 |
| 56 | 3 | 7 | 2,700 | 5 | 3 | 1,000 |
| 57 | 3 | 10 | 5,000 | 5 | 3 | 1,000 |
| 58 | 2 | 5 | 2,500 | 2 | 2 | 800 |

| NO | TENAGA KERJA | BIBIT (Kg) | LUAS LAHAN (m2) | PUPUK (zak) | PESTISIDA (L) | Y |
|---|---|---|---|---|---|---|
| 59 | 3 | 8 | 2,800 | 3 | 3 | 1,000 |
| 60 | 4 | 10 | 5,000 | 5 | 6 | 2,000 |
| 61 | 3 | 15 | 7,700 | 18 | 10 | 2,300 |
| 62 | 4 | 13 | 7,500 | 10 | 10 | 2,500 |
| 63 | 3 | 8 | 5,000 | 4 | 4 | 2,000 |
| 64 | 2 | 5 | 2,500 | 2 | 2 | 800 |
| 65 | 3 | 15 | 7,500 | 10 | 7 | 2,500 |

Lampiran 7 Data Hasil Logaritma Natural Tahun 2018

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 1 | 0.693147181 | 1.609437912 | 8 | 1.098612289 | 1.098612289 | 7.313220387 |
| 2 | 0.693147181 | 2.995732274 | 9 | 2.302585093 | 2.564949357 | 8.699514748 |
| 3 | 1.386294361 | 1.791759469 | 8 | 1.791759469 | 1.098612289 | 6.907755279 |
| 4 | 1.609437912 | 2.302585093 | 9 | 2.079441542 | 2.302585093 | 7.170119543 |
| 5 | 0.693147181 | 2.079441542 | 8 | 1.609437912 | 1.098612289 | 6.907755279 |
| 6 | 1.098612289 | 2.995732274 | 9 | 1.791759469 | 0.693147181 | 6.907755279 |
| 7 | 1.098612289 | 2.302585093 | 9 | 2.995732274 | 2.302585093 | 8.006367568 |
| 8 | 1.098612289 | 2.995732274 | 9 | 2.708050201 | 2.302585093 | 8.748304912 |
| 9 | 0.693147181 | 2.397895273 | 9 | 2.079441542 | 1.386294361 | 7.649692624 |
| 10 | 1.609437912 | 2.995732274 | 9 | 2.302585093 | 1.791759469 | 8.29404964 |
| 11 | 1.098612289 | 2.708050201 | 9 | 2.079441542 | 1.609437912 | 8.006367568 |
| 12 | 1.386294361 | 2.890371758 | 9 | 2.302585093 | 1.609437912 | 8.006367568 |
| 13 | 0.693147181 | 2.564949357 | 9 | 2.302585093 | 1.609437912 | 7.824046011 |
| 14 | 1.609437912 | 2.995732274 | 9 | 2.564949357 | 1.791759469 | 8.160518247 |
| 15 | 1.386294361 | 2.708050201 | 9 | 2.708050201 | 1.386294361 | 8.366370302 |
| 16 | 0.693147181 | 1.609437912 | 8 | 1.098612289 | 0.693147181 | 7.313220387 |
| 17 | 1.386294361 | 1.791759469 | 8 | 1.609437912 | 1.098612289 | 7.003065459 |
| 18 | 0.693147181 | 1.791759469 | 8 | 1.609437912 | 0.693147181 | 6.802394763 |

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 19 | 1.098612289 | 2.302585093 | 9 | 1.945910149 | 2.079441542 | 7.313220387 |
| 20 | 1.386294361 | 2.708050201 | 9 | 2.564949357 | 2.079441542 | 8.03915739 |
| 21 | 0.693147181 | 1.791759469 | 8 | 1.791759469 | 1.098612289 | 6.684611728 |
| 22 | 1.098612289 | 1.609437912 | 8 | 1.386294361 | 1.098612289 | 6.551080335 |
| 23 | 0.693147181 | 2.079441542 | 8 | 1.609437912 | 1.386294361 | 6.907755279 |
| 24 | 1.609437912 | 2.995732274 | 9 | 2.302585093 | 2.302585093 | 7.60090246 |
| 25 | 1.098612289 | 1.945910149 | 8 | 1.791759469 | 1.386294361 | 6.802394763 |
| 26 | 1.098612289 | 2.302585093 | 9 | 1.791759469 | 1.098612289 | 7.824046011 |
| 27 | 1.791759469 | 2.302585093 | 9 | 1.609437912 | 1.386294361 | 7.313220387 |
| 28 | 0.693147181 | 2.708050201 | 9 | 2.079441542 | 1.609437912 | 7.60090246 |
| 29 | 1.098612289 | 2.995732274 | 9 | 2.302585093 | 2.302585093 | 8.006367568 |
| 30 | 0.693147181 | 1.609437912 | 8 | 1.098612289 | 1.098612289 | 6.551080335 |
| 31 | 1.386294361 | 2.079441542 | 8 | 1.609437912 | 1.386294361 | 6.684611728 |
| 32 | 0.693147181 | 1.609437912 | 8 | 1.098612289 | 0.693147181 | 6.684611728 |
| 33 | 1.386294361 | 2.397895273 | 9 | 2.302585093 | 1.609437912 | 7.649692624 |
| 34 | 1.098612289 | 2.708050201 | 9 | 2.302585093 | 2.302585093 | 8.006367568 |
| 35 | 0.693147181 | 2.564949357 | 9 | 2.079441542 | 2.302585093 | 8.29404964 |
| 36 | 1.098612289 | 2.302585093 | 9 | 2.079441542 | 1.609437912 | 7.649692624 |
| 37 | 1.098612289 | 2.079441542 | 9 | 1.609437912 | 1.098612289 | 6.907755279 |
| 38 | 1.098612289 | 1.791759469 | 8 | 1.098612289 | 0.693147181 | 6.620073207 |

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 39 | 1.609437912 | 2.995732274 | 9 | 2.708050201 | 2.708050201 | 8.03915739 |
| 40 | 0.693147181 | 2.708050201 | 9 | 2.302585093 | 1.945910149 | 7.824046011 |
| 41 | 1.386294361 | 2.564949357 | 9 | 1.945910149 | 2.302585093 | 7.60090246 |
| 42 | 1.609437912 | 2.995732274 | 9 | 2.708050201 | 2.708050201 | 8.006367568 |
| 43 | 0.693147181 | 2.302585093 | 9 | 2.302585093 | 1.098612289 | 7.495541944 |
| 44 | 1.098612289 | 2.079441542 | 9 | 1.609437912 | 1.386294361 | 7.313220387 |
| 45 | 0.693147181 | 2.708050201 | 9 | 2.397895273 | 2.079441542 | 8.006367568 |
| 46 | 1.098612289 | 1.609437912 | 8 | 0.693147181 | 1.098612289 | 6.551080335 |
| 47 | 0.693147181 | 1.945910149 | 8 | 1.098612289 | 1.098612289 | 6.684611728 |
| 48 | 1.609437912 | 2.995732274 | 9 | 2.708050201 | 2.995732274 | 7.60090246 |
| 49 | 1.098612289 | 1.945910149 | 8 | 1.098612289 | 1.098612289 | 6.745236349 |
| 50 | 1.098612289 | 2.079441542 | 8 | 1.098612289 | 1.386294361 | 6.551080335 |
| 51 | 1.791759469 | 3.688879454 | 10 | 2.995732274 | 2.890371758 | 9.210340372 |
| 52 | 0.693147181 | 2.302585093 | 9 | 1.945910149 | 1.945910149 | 6.907755279 |
| 53 | 0.693147181 | 1.945910149 | 8 | 0.693147181 | 0.693147181 | 6.684611728 |
| 54 | 1.609437912 | 2.995732274 | 9 | 2.397895273 | 2.197224577 | 7.824046011 |
| 55 | 0.693147181 | 2.708050201 | 9 | 2.302585093 | 2.302585093 | 7.60090246 |
| 56 | 1.098612289 | 1.945910149 | 8 | 1.609437912 | 1.098612289 | 6.856461985 |
| 57 | 1.098612289 | 2.302585093 | 9 | 1.609437912 | 1.098612289 | 6.907755279 |
| 58 | 0.693147181 | 1.609437912 | 8 | 0.693147181 | 0.693147181 | 6.476972363 |

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 59 | 1.098612289 | 2.079441542 | 8 | 1.098612289 | 1.098612289 | 6.802394763 |
| 60 | 1.386294361 | 2.302585093 | 9 | 1.609437912 | 1.791759469 | 7.313220387 |
| 61 | 1.098612289 | 2.708050201 | 9 | 2.890371758 | 2.302585093 | 7.549609165 |
| 62 | 1.386294361 | 2.564949357 | 9 | 2.302585093 | 2.302585093 | 7.60090246 |
| 63 | 1.098612289 | 2.079441542 | 9 | 1.386294361 | 1.386294361 | 7.244227516 |
| 64 | 0.693147181 | 1.609437912 | 8 | 0.693147181 | 0.693147181 | 6.214608098 |
| 65 | 1.098612289 | 2.708050201 | 9 | 2.302585093 | 1.945910149 | 7.60090246 |

Lampiran 8 Data Hasil Logaritma Natural Tahun 2019

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 1 | 0.693147181 | 1.609437912 | 8 | 1.609437912 | 1.098612289 | 7.090076836 |
| 2 | 1.098612289 | 2.995732274 | 9 | 2.302585093 | 2.302585093 | 8.853665428 |
| 3 | 1.098612289 | 1.791759469 | 8 | 1.791759469 | 1.098612289 | 6.907755279 |
| 4 | 1.609437912 | 2.302585093 | 9 | 2.079441542 | 2.079441542 | 7.60090246 |
| 5 | 1.098612289 | 2.079441542 | 8 | 0.693147181 | 1.098612289 | 7.090076836 |
| 6 | 0.693147181 | 2.995732274 | 9 | 1.791759469 | 1.609437912 | 6.684611728 |
| 7 | 1.098612289 | 2.302585093 | 9 | 2.708050201 | 2.302585093 | 7.937374696 |
| 8 | 1.098612289 | 2.995732274 | 9 | 2.302585093 | 2.302585093 | 8.853665428 |
| 9 | 1.098612289 | 2.397895273 | 9 | 2.079441542 | 1.609437912 | 7.60090246 |
| 10 | 1.609437912 | 2.995732274 | 9 | 2.302585093 | 2.302585093 | 8.318742253 |
| 11 | 1.098612289 | 2.708050201 | 9 | 2.079441542 | 1.791759469 | 8.055157732 |
| 12 | 1.386294361 | 2.890371758 | 9 | 2.302585093 | 1.945910149 | 8.160518247 |
| 13 | 0.693147181 | 2.564949357 | 9 | 2.302585093 | 1.609437912 | 7.863266724 |
| 14 | 1.609437912 | 2.995732274 | 9 | 2.564949357 | 2.302585093 | 8.29404964 |
| 15 | 1.386294361 | 2.708050201 | 9 | 2.708050201 | 1.386294361 | 8.496990484 |
| 16 | 0.693147181 | 1.609437912 | 8 | 1.098612289 | 0.693147181 | 7.170119543 |
| 17 | 1.386294361 | 1.791759469 | 8 | 1.609437912 | 1.609437912 | 6.907755279 |
| 18 | 0.693147181 | 1.791759469 | 8 | 1.098612289 | 0.693147181 | 6.907755279 |

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 19 | 1.098612289 | 2.302585093 | 9 | 1.609437912 | 2.079441542 | 7.313220387 |
| 20 | 1.386294361 | 2.708050201 | 9 | 2.302585093 | 2.48490665 | 8.006367568 |
| 21 | 0.693147181 | 1.791759469 | 8 | 1.609437912 | 1.098612289 | 6.745236349 |
| 22 | 1.098612289 | 1.609437912 | 8 | 1.386294361 | 1.386294361 | 6.551080335 |
| 23 | 0.693147181 | 2.079441542 | 8 | 1.386294361 | 1.386294361 | 7.047517221 |
| 24 | 1.609437912 | 2.995732274 | 9 | 2.564949357 | 2.302585093 | 7.649692624 |
| 25 | 1.098612289 | 1.945910149 | 8 | 1.791759469 | 1.609437912 | 6.802394763 |
| 26 | 1.098612289 | 2.302585093 | 9 | 1.791759469 | 1.609437912 | 7.824046011 |
| 27 | 1.791759469 | 2.302585093 | 9 | 1.609437912 | 1.791759469 | 7.313220387 |
| 28 | 0.693147181 | 2.708050201 | 9 | 2.079441542 | 2.302585093 | 7.696212639 |
| 29 | 1.098612289 | 2.995732274 | 9 | 2.48490665 | 2.302585093 | 8.006367568 |
| 30 | 0.693147181 | 1.609437912 | 8 | 1.609437912 | 1.098612289 | 6.65929392 |
| 31 | 1.386294361 | 2.079441542 | 8 | 1.609437912 | 1.609437912 | 6.745236349 |
| 32 | 0.693147181 | 1.609437912 | 8 | 1.098612289 | 1.098612289 | 6.684611728 |
| 33 | 1.386294361 | 2.397895273 | 9 | 2.302585093 | 2.079441542 | 7.60090246 |
| 34 | 1.098612289 | 2.708050201 | 9 | 2.302585093 | 2.302585093 | 8.160518247 |
| 35 | 0.693147181 | 2.564949357 | 9 | 2.079441542 | 2.302585093 | 8.29404964 |
| 36 | 1.098612289 | 2.302585093 | 9 | 2.079441542 | 2.302585093 | 7.60090246 |
| 37 | 1.098612289 | 2.079441542 | 9 | 1.609437912 | 1.609437912 | 7.170119543 |
| 38 | 1.098612289 | 1.791759469 | 8 | 1.098612289 | 1.098612289 | 6.684611728 |

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 39 | 1.609437912 | 2.995732274 | 9 | 2.708050201 | 2.708050201 | 8.006367568 |
| 40 | 0.693147181 | 2.708050201 | 9 | 2.302585093 | 2.302585093 | 7.824046011 |
| 41 | 1.386294361 | 2.564949357 | 9 | 2.302585093 | 2.302585093 | 7.60090246 |
| 42 | 1.609437912 | 2.995732274 | 9 | 2.564949357 | 2.708050201 | 8.006367568 |
| 43 | 0.693147181 | 2.302585093 | 9 | 2.302585093 | 1.609437912 | 7.60090246 |
| 44 | 1.098612289 | 2.079441542 | 9 | 1.386294361 | 1.386294361 | 7.313220387 |
| 45 | 0.693147181 | 2.708050201 | 9 | 2.397895273 | 2.302585093 | 8.006367568 |
| 46 | 1.098612289 | 1.609437912 | 8 | 0.693147181 | 1.098612289 | 6.620073207 |
| 47 | 0.693147181 | 1.945910149 | 8 | 1.609437912 | 1.098612289 | 6.684611728 |
| 48 | 1.609437912 | 2.995732274 | 9 | 2.708050201 | 2.708050201 | 7.60090246 |
| 49 | 1.098612289 | 1.945910149 | 8 | 0.693147181 | 1.098612289 | 6.684611728 |
| 50 | 1.098612289 | 2.079441542 | 8 | 1.098612289 | 1.609437912 | 6.684611728 |
| 51 | 1.791759469 | 3.688879454 | 10 | 2.995732274 | 2.995732274 | 9.210340372 |
| 52 | 1.386294361 | 2.302585093 | 9 | 1.945910149 | 2.079441542 | 6.907755279 |
| 53 | 0.693147181 | 1.945910149 | 8 | 1.098612289 | 0.693147181 | 6.802394763 |
| 54 | 1.609437912 | 2.995732274 | 9 | 2.397895273 | 2.302585093 | 7.824046011 |
| 55 | 0.693147181 | 2.708050201 | 9 | 2.079441542 | 2.302585093 | 7.60090246 |
| 56 | 1.098612289 | 1.945910149 | 8 | 1.386294361 | 1.098612289 | 6.802394763 |
| 57 | 1.098612289 | 2.302585093 | 9 | 1.609437912 | 1.609437912 | 6.802394763 |
| 58 | 0.693147181 | 1.609437912 | 8 | 1.609437912 | 0.693147181 | 6.551080335 |

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 59 | 1.098612289 | 2.079441542 | 8 | 1.609437912 | 1.098612289 | 6.802394763 |
| 60 | 1.386294361 | 2.302585093 | 9 | 1.609437912 | 1.945910149 | 7.313220387 |
| 61 | 1.098612289 | 2.708050201 | 9 | 2.708050201 | 2.302585093 | 7.60090246 |
| 62 | 1.386294361 | 2.564949357 | 9 | 2.302585093 | 2.708050201 | 7.60090246 |
| 63 | 1.098612289 | 2.079441542 | 9 | 1.098612289 | 1.609437912 | 7.313220387 |
| 64 | 0.693147181 | 1.609437912 | 8 | 1.098612289 | 0.693147181 | 6.476972363 |
| 65 | 1.098612289 | 2.708050201 | 9 | 2.302585093 | 2.079441542 | 7.60090246 |

Lampiran 10 Data Hasil Logaritma Natural Tahun 2020

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 1 | 0.693147181 | 1.609437912 | 8 | 1.386294361 | 1.386294361 | 7.313220387 |
| 2 | 0.693147181 | 2.995732274 | 9 | 2.397895273 | 2.564949357 | 8.006367568 |
| 3 | 1.386294361 | 1.791759469 | 8 | 1.098612289 | 1.098612289 | 6.684611728 |
| 4 | 1.609437912 | 2.302585093 | 9 | 2.302585093 | 2.302585093 | 6.684611728 |
| 5 | 0.693147181 | 2.079441542 | 8 | 1.609437912 | 1.609437912 | 6.802394763 |
| 6 | 1.098612289 | 2.995732274 | 9 | 1.791759469 | 1.609437912 | 6.684611728 |
| 7 | 1.098612289 | 2.302585093 | 9 | 2.302585093 | 2.302585093 | 7.937374696 |
| 8 | 1.098612289 | 2.995732274 | 9 | 2.302585093 | 2.302585093 | 8.779557456 |
| 9 | 0.693147181 | 2.397895273 | 9 | 2.079441542 | 2.302585093 | 7.313220387 |
| 10 | 1.609437912 | 2.995732274 | 9 | 2.302585093 | 2.302585093 | 8.006367568 |
| 11 | 1.098612289 | 2.708050201 | 9 | 2.079441542 | 1.791759469 | 7.824046011 |
| 12 | 1.386294361 | 2.890371758 | 9 | 2.302585093 | 2.079441542 | 7.901007052 |
| 13 | 0.693147181 | 2.564949357 | 9 | 2.302585093 | 1.791759469 | 7.60090246 |
| 14 | 1.609437912 | 2.995732274 | 9 | 2.302585093 | 2.302585093 | 8.160518247 |
| 15 | 1.386294361 | 2.708050201 | 9 | 2.708050201 | 2.079441542 | 8.476371197 |
| 16 | 0.693147181 | 1.609437912 | 8 | 1.098612289 | 1.098612289 | 7.170119543 |
| 17 | 1.386294361 | 1.791759469 | 8 | 1.609437912 | 1.098612289 | 6.907755279 |
| 18 | 0.693147181 | 1.791759469 | 8 | 1.609437912 | 0.693147181 | 6.856461985 |

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 19 | 1.098612289 | 2.302585093 | 9 | 1.945910149 | 2.079441542 | 6.907755279 |
| 20 | 1.386294361 | 2.708050201 | 9 | 2.564949357 | 2.079441542 | 7.824046011 |
| 21 | 0.693147181 | 1.791759469 | 8 | 1.791759469 | 1.609437912 | 6.551080335 |
| 22 | 1.098612289 | 1.609437912 | 8 | 1.386294361 | 1.386294361 | 6.214608098 |
| 23 | 0.693147181 | 2.079441542 | 8 | 1.609437912 | 1.386294361 | 6.684611728 |
| 24 | 1.609437912 | 2.995732274 | 9 | 2.564949357 | 2.302585093 | 7.313220387 |
| 25 | 1.098612289 | 1.945910149 | 8 | 1.609437912 | 1.386294361 | 6.684611728 |
| 26 | 1.098612289 | 2.302585093 | 9 | 1.609437912 | 1.098612289 | 7.696212639 |
| 27 | 1.791759469 | 2.302585093 | 9 | 1.609437912 | 1.609437912 | 7.170119543 |
| 28 | 0.693147181 | 2.708050201 | 9 | 2.079441542 | 1.609437912 | 7.60090246 |
| 29 | 1.098612289 | 2.995732274 | 9 | 2.302585093 | 2.302585093 | 7.60090246 |
| 30 | 0.693147181 | 1.609437912 | 8 | 1.609437912 | 1.098612289 | 6.214608098 |
| 31 | 1.386294361 | 2.079441542 | 8 | 1.609437912 | 1.609437912 | 6.214608098 |
| 32 | 0.693147181 | 1.609437912 | 8 | 0.693147181 | 0.693147181 | 6.396929655 |
| 33 | 1.386294361 | 2.397895273 | 9 | 2.302585093 | 2.564949357 | 7.313220387 |
| 34 | 1.098612289 | 2.708050201 | 9 | 2.302585093 | 2.564949357 | 7.60090246 |
| 35 | 0.693147181 | 2.564949357 | 9 | 2.079441542 | 2.079441542 | 8.188689124 |
| 36 | 1.098612289 | 2.302585093 | 9 | 2.079441542 | 2.302585093 | 7.495541944 |
| 37 | 1.098612289 | 2.079441542 | 9 | 1.609437912 | 1.609437912 | 6.907755279 |
| 38 | 1.098612289 | 1.791759469 | 8 | 0.693147181 | 0.693147181 | 6.309918278 |

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 39 | 1.609437912 | 2.995732274 | 9 | 2.708050201 | 2.708050201 | 7.901007052 |
| 40 | 0.693147181 | 2.708050201 | 9 | 2.079441542 | 1.945910149 | 7.495541944 |
| 41 | 1.386294361 | 2.564949357 | 9 | 2.302585093 | 2.302585093 | 7.313220387 |
| 42 | 1.609437912 | 2.995732274 | 9 | 2.564949357 | 2.708050201 | 6.907755279 |
| 43 | 0.693147181 | 2.302585093 | 9 | 2.302585093 | 1.609437912 | 7.313220387 |
| 44 | 1.098612289 | 2.079441542 | 9 | 1.609437912 | 1.098612289 | 6.907755279 |
| 45 | 0.693147181 | 2.708050201 | 9 | 2.397895273 | 2.302585093 | 7.60090246 |
| 46 | 1.098612289 | 1.609437912 | 8 | 0.693147181 | 1.098612289 | 5.991464547 |
| 47 | 0.693147181 | 1.945910149 | 8 | 1.609437912 | 1.098612289 | 6.214608098 |
| 48 | 1.609437912 | 2.995732274 | 9 | 2.708050201 | 2.995732274 | 6.907755279 |
| 49 | 1.098612289 | 1.945910149 | 8 | 1.098612289 | 0.693147181 | 6.620073207 |
| 50 | 1.098612289 | 2.079441542 | 8 | 1.609437912 | 1.386294361 | 6.551080335 |
| 51 | 1.791759469 | 3.688879454 | 10 | 2.995732274 | 2.708050201 | 8.699514748 |
| 52 | 1.098612289 | 2.302585093 | 9 | 1.945910149 | 1.609437912 | 6.214608098 |
| 53 | 0.693147181 | 1.945910149 | 8 | 1.098612289 | 0.693147181 | 6.214608098 |
| 54 | 1.609437912 | 2.995732274 | 9 | 2.397895273 | 2.302585093 | 7.60090246 |
| 55 | 1.386294361 | 2.708050201 | 9 | 2.708050201 | 2.302585093 | 7.313220387 |
| 56 | 1.098612289 | 1.945910149 | 8 | 1.609437912 | 1.098612289 | 6.522092798 |
| 57 | 1.098612289 | 2.302585093 | 9 | 1.098612289 | 1.098612289 | 6.214608098 |
| 58 | 0.693147181 | 1.609437912 | 8 | 1.386294361 | 0.693147181 | 6.214608098 |

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 59 | 1.098612289 | 2.079441542 | 8 | 1.098612289 | 1.609437912 | 6.214608098 |
| 60 | 1.386294361 | 2.302585093 | 9 | 1.609437912 | 1.098612289 | 6.907755279 |
| 61 | 1.098612289 | 2.708050201 | 9 | 2.708050201 | 2.302585093 | 6.907755279 |
| 62 | 1.386294361 | 2.564949357 | 9 | 2.079441542 | 2.302585093 | 7.244227516 |
| 63 | 1.098612289 | 2.079441542 | 9 | 1.098612289 | 1.609437912 | 7.003065459 |
| 64 | 0.693147181 | 1.609437912 | 8 | 0.693147181 | 0.693147181 | 6.214608098 |
| 65 | 1.098612289 | 2.708050201 | 9 | 2.302585093 | 1.945910149 | 7.495541944 |

Lampiran 11 Data Hasil Logaritma Natural Tahun 2021

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 1 | 0.693147181 | 1.609437912 | 8 | 1.098612289 | 1.609437912 | 7.313220387 |
| 2 | 0.693147181 | 2.995732274 | 9 | 2.302585093 | 2.564949357 | 8.853665428 |
| 3 | 1.386294361 | 1.791759469 | 8 | 1.791759469 | 1.609437912 | 7.170119543 |
| 4 | 1.609437912 | 2.302585093 | 9 | 2.079441542 | 2.302585093 | 7.090076836 |
| 5 | 0.693147181 | 2.079441542 | 8 | 1.609437912 | 1.098612289 | 7.60090246 |
| 6 | 1.098612289 | 2.995732274 | 9 | 1.791759469 | 1.098612289 | 6.907755279 |
| 7 | 1.098612289 | 2.302585093 | 9 | 2.995732274 | 2.302585093 | 8.006367568 |
| 8 | 1.098612289 | 2.995732274 | 9 | 2.708050201 | 2.302585093 | 8.779557456 |
| 9 | 0.693147181 | 2.397895273 | 9 | 1.945910149 | 1.386294361 | 7.60090246 |
| 10 | 1.609437912 | 2.995732274 | 9 | 2.302585093 | 1.609437912 | 8.160518247 |
| 11 | 1.098612289 | 2.708050201 | 9 | 2.079441542 | 1.609437912 | 8.006367568 |
| 12 | 1.386294361 | 2.890371758 | 9 | 2.302585093 | 2.302585093 | 8.070906089 |
| 13 | 0.693147181 | 2.564949357 | 9 | 2.079441542 | 1.609437912 | 7.783224016 |
| 14 | 1.609437912 | 2.995732274 | 9 | 2.302585093 | 1.791759469 | 8.29404964 |
| 15 | 1.386294361 | 2.708050201 | 9 | 2.302585093 | 2.302585093 | 8.318742253 |
| 16 | 0.693147181 | 1.609437912 | 8 | 1.098612289 | 0.693147181 | 7.170119543 |
| 17 | 1.386294361 | 1.791759469 | 8 | 1.386294361 | 1.098612289 | 6.907755279 |
| 18 | 0.693147181 | 1.791759469 | 8 | 1.609437912 | 0.693147181 | 6.802394763 |

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 19 | 1.098612289 | 2.302585093 | 9 | 1.609437912 | 2.079441542 | 7.244227516 |
| 20 | 1.386294361 | 2.708050201 | 9 | 2.564949357 | 2.302585093 | 8.006367568 |
| 21 | 0.693147181 | 1.791759469 | 8 | 1.791759469 | 1.098612289 | 6.684611728 |
| 22 | 1.098612289 | 1.609437912 | 8 | 1.386294361 | 1.098612289 | 6.551080335 |
| 23 | 0.693147181 | 2.079441542 | 8 | 1.386294361 | 1.386294361 | 7.170119543 |
| 24 | 1.609437912 | 2.995732274 | 9 | 2.302585093 | 2.302585093 | 7.824046011 |
| 25 | 1.098612289 | 1.945910149 | 8 | 1.791759469 | 1.386294361 | 6.907755279 |
| 26 | 1.098612289 | 2.302585093 | 9 | 1.609437912 | 1.098612289 | 7.824046011 |
| 27 | 1.791759469 | 2.302585093 | 9 | 1.609437912 | 1.386294361 | 7.313220387 |
| 28 | 0.693147181 | 2.708050201 | 9 | 2.079441542 | 1.945910149 | 7.824046011 |
| 29 | 1.098612289 | 2.995732274 | 9 | 2.302585093 | 2.564949357 | 7.937374696 |
| 30 | 0.693147181 | 1.609437912 | 8 | 1.098612289 | 1.609437912 | 6.646390515 |
| 31 | 1.386294361 | 2.079441542 | 8 | 1.386294361 | 1.386294361 | 6.684611728 |
| 32 | 0.693147181 | 1.609437912 | 8 | 0.693147181 | 0.693147181 | 6.620073207 |
| 33 | 1.386294361 | 2.397895273 | 9 | 2.302585093 | 2.302585093 | 7.60090246 |
| 34 | 1.098612289 | 2.708050201 | 9 | 2.302585093 | 2.564949357 | 7.60090246 |
| 35 | 0.693147181 | 2.564949357 | 9 | 2.079441542 | 2.079441542 | 8.268731832 |
| 36 | 1.098612289 | 2.302585093 | 9 | 2.079441542 | 1.609437912 | 7.60090246 |
| 37 | 1.098612289 | 2.079441542 | 9 | 1.609437912 | 1.609437912 | 6.907755279 |
| 38 | 1.098612289 | 1.791759469 | 8 | 0.693147181 | 0.693147181 | 6.551080335 |

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 39 | 1.609437912 | 2.995732274 | 9 | 2.708050201 | 2.708050201 | 8.006367568 |
| 40 | 0.693147181 | 2.708050201 | 9 | 2.079441542 | 1.945910149 | 7.60090246 |
| 41 | 1.386294361 | 2.564949357 | 9 | 2.302585093 | 2.302585093 | 7.313220387 |
| 42 | 1.609437912 | 2.995732274 | 9 | 2.708050201 | 2.302585093 | 7.244227516 |
| 43 | 0.693147181 | 2.302585093 | 9 | 2.302585093 | 1.609437912 | 7.313220387 |
| 44 | 1.098612289 | 2.079441542 | 9 | 1.609437912 | 1.098612289 | 7.313220387 |
| 45 | 0.693147181 | 2.708050201 | 9 | 2.302585093 | 2.302585093 | 7.937374696 |
| 46 | 1.098612289 | 1.609437912 | 8 | 0.693147181 | 0.693147181 | 6.620073207 |
| 47 | 0.693147181 | 1.945910149 | 8 | 1.609437912 | 1.098612289 | 6.745236349 |
| 48 | 1.609437912 | 2.995732274 | 9 | 2.708050201 | 2.995732274 | 7.495541944 |
| 49 | 1.098612289 | 1.945910149 | 8 | 1.098612289 | 1.098612289 | 6.684611728 |
| 50 | 1.098612289 | 2.079441542 | 8 | 1.609437912 | 1.386294361 | 6.620073207 |
| 51 | 1.791759469 | 3.688879454 | 10 | 2.995732274 | 2.890371758 | 8.987196821 |
| 52 | 0.693147181 | 2.302585093 | 9 | 1.945910149 | 1.609437912 | 7.495541944 |
| 53 | 0.693147181 | 1.945910149 | 8 | 1.098612289 | 1.098612289 | 6.684611728 |
| 54 | 1.609437912 | 2.995732274 | 9 | 2.564949357 | 2.197224577 | 7.60090246 |
| 55 | 1.098612289 | 2.708050201 | 9 | 2.708050201 | 2.302585093 | 7.495541944 |
| 56 | 1.098612289 | 1.945910149 | 8 | 1.609437912 | 1.098612289 | 6.907755279 |
| 57 | 1.098612289 | 2.302585093 | 9 | 1.098612289 | 1.098612289 | 6.907755279 |
| 58 | 0.693147181 | 1.609437912 | 8 | 1.386294361 | 0.693147181 | 6.684611728 |

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 59 | 1.098612289 | 2.079441542 | 8 | 1.098612289 | 1.609437912 | 6.802394763 |
| 60 | 1.386294361 | 2.302585093 | 9 | 1.609437912 | 1.098612289 | 6.907755279 |
| 61 | 1.098612289 | 2.708050201 | 9 | 2.890371758 | 2.302585093 | 7.313220387 |
| 62 | 1.386294361 | 2.564949357 | 9 | 2.708050201 | 2.302585093 | 7.313220387 |
| 63 | 1.098612289 | 2.079441542 | 9 | 1.098612289 | 1.609437912 | 7.313220387 |
| 64 | 0.693147181 | 1.609437912 | 8 | 0.693147181 | 0.693147181 | 6.214608098 |
| 65 | 1.098612289 | 2.708050201 | 9 | 2.302585093 | 2.302585093 | 7.60090246 |

Lampiran 12 Data Hasil Logaritma Natural Tahun 2022

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 1 | 0.693147181 | 1.609437912 | 8 | 1.609437912 | 1.609437912 | 6.802394763 |
| 2 | 0.693147181 | 2.995732274 | 9 | 2.302585093 | 2.302585093 | 8.411832676 |
| 3 | 1.386294361 | 1.791759469 | 8 | 1.386294361 | 1.098612289 | 7.090076836 |
| 4 | 1.609437912 | 2.302585093 | 9 | 2.079441542 | 1.609437912 | 7.60090246 |
| 5 | 0.693147181 | 2.079441542 | 8 | 1.609437912 | 1.098612289 | 7.549609165 |
| 6 | 1.098612289 | 2.995732274 | 9 | 1.791759469 | 1.098612289 | 6.907755279 |
| 7 | 1.098612289 | 2.302585093 | 9 | 2.995732274 | 2.079441542 | 8.006367568 |
| 8 | 1.098612289 | 2.995732274 | 9 | 2.708050201 | 2.079441542 | 8.853665428 |
| 9 | 0.693147181 | 2.397895273 | 9 | 2.079441542 | 1.386294361 | 7.495541944 |
| 10 | 1.609437912 | 2.995732274 | 9 | 2.302585093 | 1.609437912 | 8.006367568 |
| 11 | 1.098612289 | 2.708050201 | 9 | 2.079441542 | 1.386294361 | 7.937374696 |
| 12 | 1.386294361 | 2.890371758 | 9 | 2.302585093 | 1.609437912 | 8.160518247 |
| 13 | 0.693147181 | 2.564949357 | 9 | 2.302585093 | 1.791759469 | 7.901007052 |
| 14 | 1.609437912 | 2.995732274 | 9 | 2.564949357 | 1.791759469 | 8.366370302 |
| 15 | 1.386294361 | 2.708050201 | 9 | 2.079441542 | 1.386294361 | 8.411832676 |
| 16 | 0.693147181 | 1.609437912 | 8 | 0.693147181 | 0.693147181 | 7.003065459 |
| 17 | 1.386294361 | 1.791759469 | 8 | 1.609437912 | 0.693147181 | 7.170119543 |
| 18 | 0.693147181 | 1.791759469 | 8 | 1.098612289 | 0.693147181 | 6.907755279 |

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 19 | 1.098612289 | 2.302585093 | 9 | 1.609437912 | 2.079441542 | 7.313220387 |
| 20 | 1.386294361 | 2.708050201 | 9 | 2.302585093 | 2.079441542 | 8.101677747 |
| 21 | 0.693147181 | 1.791759469 | 8 | 1.098612289 | 1.098612289 | 6.907755279 |
| 22 | 1.098612289 | 1.609437912 | 8 | 1.386294361 | 1.098612289 | 6.745236349 |
| 23 | 0.693147181 | 2.079441542 | 8 | 1.386294361 | 1.609437912 | 6.907755279 |
| 24 | 1.609437912 | 2.995732274 | 9 | 2.302585093 | 2.079441542 | 7.824046011 |
| 25 | 1.098612289 | 1.945910149 | 8 | 1.386294361 | 1.386294361 | 6.907755279 |
| 26 | 1.098612289 | 2.302585093 | 9 | 1.791759469 | 1.098612289 | 7.824046011 |
| 27 | 1.791759469 | 2.302585093 | 9 | 1.609437912 | 1.386294361 | 7.313220387 |
| 28 | 0.693147181 | 2.708050201 | 9 | 2.079441542 | 2.079441542 | 7.740664402 |
| 29 | 1.098612289 | 2.995732274 | 9 | 2.302585093 | 2.302585093 | 8.03915739 |
| 30 | 0.693147181 | 1.609437912 | 8 | 1.098612289 | 1.098612289 | 6.684611728 |
| 31 | 1.386294361 | 2.079441542 | 8 | 1.386294361 | 1.386294361 | 6.684611728 |
| 32 | 0.693147181 | 1.609437912 | 8 | 0.693147181 | 0.693147181 | 6.791221463 |
| 33 | 1.386294361 | 2.397895273 | 9 | 2.079441542 | 1.609437912 | 7.60090246 |
| 34 | 1.098612289 | 2.708050201 | 9 | 2.302585093 | 2.302585093 | 8.101677747 |
| 35 | 0.693147181 | 2.564949357 | 9 | 2.079441542 | 1.609437912 | 8.29404964 |
| 36 | 1.098612289 | 2.302585093 | 9 | 2.079441542 | 1.609437912 | 7.60090246 |
| 37 | 1.098612289 | 2.079441542 | 9 | 1.609437912 | 1.098612289 | 7.313220387 |
| 38 | 1.098612289 | 1.791759469 | 8 | 1.098612289 | 0.693147181 | 6.684611728 |

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 39 | 1.609437912 | 2.995732274 | 9 | 2.708050201 | 2.302585093 | 8.006367568 |
| 40 | 0.693147181 | 2.708050201 | 9 | 2.302585093 | 2.302585093 | 7.824046011 |
| 41 | 1.386294361 | 2.564949357 | 9 | 1.945910149 | 2.302585093 | 7.740664402 |
| 42 | 1.609437912 | 2.995732274 | 9 | 2.708050201 | 2.302585093 | 8.29404964 |
| 43 | 0.693147181 | 2.302585093 | 9 | 2.302585093 | 1.098612289 | 7.824046011 |
| 44 | 1.098612289 | 2.079441542 | 9 | 1.609437912 | 0.693147181 | 7.60090246 |
| 45 | 0.693147181 | 2.708050201 | 9 | 2.079441542 | 2.079441542 | 8.070906089 |
| 46 | 1.098612289 | 1.609437912 | 8 | 0.693147181 | 0.693147181 | 6.684611728 |
| 47 | 0.693147181 | 1.945910149 | 8 | 1.098612289 | 1.609437912 | 6.551080335 |
| 48 | 1.609437912 | 2.995732274 | 9 | 2.708050201 | 2.302585093 | 7.60090246 |
| 49 | 1.098612289 | 1.945910149 | 8 | 0.693147181 | 0.693147181 | 6.684611728 |
| 50 | 1.098612289 | 2.079441542 | 8 | 1.098612289 | 1.098612289 | 6.620073207 |
| 51 | 1.791759469 | 3.688879454 | 10 | 2.995732274 | 2.302585093 | 9.104979856 |
| 52 | 0.693147181 | 2.302585093 | 9 | 2.079441542 | 1.945910149 | 7.60090246 |
| 53 | 0.693147181 | 1.945910149 | 8 | 0.693147181 | 0.693147181 | 6.907755279 |
| 54 | 1.609437912 | 2.995732274 | 9 | 2.079441542 | 2.302585093 | 7.824046011 |
| 55 | 0.693147181 | 2.708050201 | 9 | 2.302585093 | 2.302585093 | 7.60090246 |
| 56 | 1.098612289 | 1.945910149 | 8 | 1.609437912 | 0.693147181 | 6.907755279 |
| 57 | 1.098612289 | 2.302585093 | 9 | 1.609437912 | 1.098612289 | 6.907755279 |
| 58 | 0.693147181 | 1.609437912 | 8 | 0.693147181 | 0.693147181 | 6.684611728 |

| NO | LN X1 | LN X2 | LN X3 | LN X4 | LN X5 | LN Y |
|---|---|---|---|---|---|---|
| 59 | 1.098612289 | 2.079441542 | 8 | 1.098612289 | 1.098612289 | 6.907755279 |
| 60 | 1.386294361 | 2.302585093 | 9 | 1.609437912 | 1.609437912 | 7.60090246 |
| 61 | 1.098612289 | 2.708050201 | 9 | 2.302585093 | 2.302585093 | 7.740664402 |
| 62 | 1.386294361 | 2.564949357 | 9 | 2.302585093 | 2.302585093 | 7.824046011 |
| 63 | 1.098612289 | 2.079441542 | 9 | 1.098612289 | 1.386294361 | 7.60090246 |
| 64 | 0.693147181 | 1.609437912 | 8 | 0.693147181 | 1.098612289 | 6.684611728 |
| 65 | 1.098612289 | 2.708050201 | 9 | 2.302585093 | 1.609437912 | 7.824046011 |