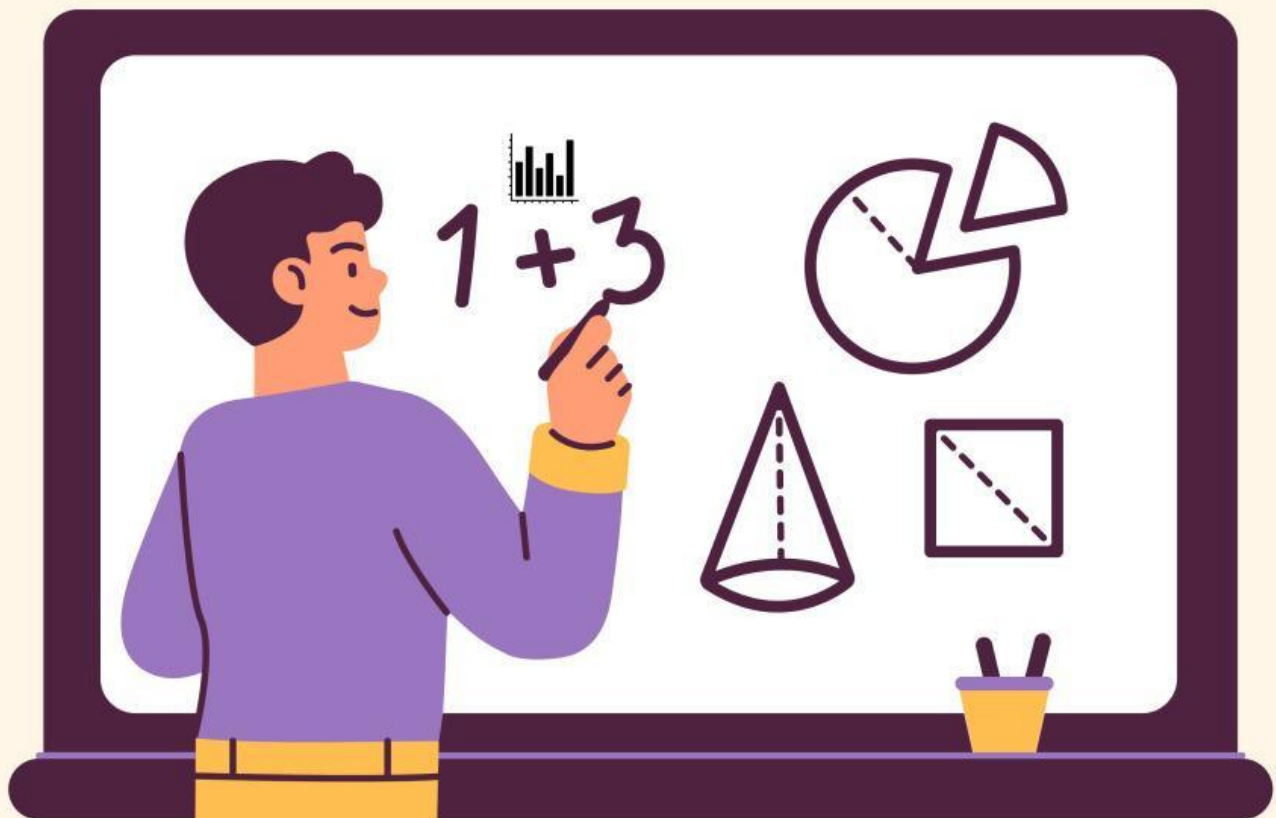


Lembar Kerja Peserta Didik

# **TABEL DISTRIBUSI FREKUENSI DAN HISTOGRAM**



Nama :

Kelas :

Kelompok :

**YUK PERHATIKAN MATERI-MATERI INI !**



**VIDEO PEMBELAJARAN**



**VIDEO PEMBELAJARAN**



**ARTIKEL MATERI**



**AUDIO MATERI**

# PERMASALAHAN

Diketahui data sebagai berikut !

|    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| 96 | 90 | 78 | 53 | 86 | 46 | 53 | 84 | 55 | 72 |
| 78 | 52 | 71 | 67 | 93 | 83 | 65 | 80 | 62 | 89 |
| 43 | 54 | 77 | 47 | 57 | 73 | 92 | 77 | 74 | 51 |
| 82 | 98 | 53 | 94 | 80 | 82 | 57 | 48 | 57 | 67 |
| 88 | 58 | 80 | 56 | 53 | 45 | 90 | 84 | 78 | 43 |

Buatlah histogram dari data tersebut

## LANGKAH-LANGKAH MEMBUAT HISTOGRAM

- Buat Tabel Distribusi Frekuensi
- Gambar Histogram (Diagram Batang) berdasarkan Tabel Distribusi Frekuensi

## TABEL DISTRIBUSI FREKUENSI

### • JANGKAUAN DATA (R)

Nilai data terkecil (Xmin) =

Nilai data terbesar (Xmax) =

$$R = X_{\max} - X_{\min}$$

$$R = \text{} - \text{}$$

$$R = \text{}$$



### • BANYAK KELAS (K)

Banyak data (n) =

$$k = 1 + 3,3 \times \log n$$

$$k = 1 + 3,3 \times \log \text{}$$

$$k = 1 + 3,3 \times \text{}$$

$$k = 1 + \text{}$$

$$k = \text{}$$

→  
dibulatkan  
menjadi

$$k = \text{}$$

### • PANJANG KELAS (P)

$$p = \frac{R}{k}$$

$$p = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

$$p = \boxed{\phantom{00}} \xrightarrow{\text{dibulatkan menjadi}} p = \boxed{\phantom{00}}$$

### • INTERVAL KELAS

Interval kelas pertama

$$Bb1 = X_{\min} = \boxed{\phantom{00}}$$

$$Ba1 = Bb1 + p - 1$$

$$Ba1 = \boxed{\phantom{00}} + \boxed{\phantom{00}} - 1$$

$$Ba1 = \boxed{\phantom{00}}$$

sehingga diperoleh Interval kelas pertama  $\boxed{\phantom{00}} - \boxed{\phantom{00}}$

### • LENGKAPI TABEL DISTRIBUSI FREKUENSI

| INTERVAL DATA                                 | FREKUENSI              |
|-----------------------------------------------|------------------------|
| $\boxed{\phantom{00}} - \boxed{\phantom{00}}$ | $\boxed{\phantom{00}}$ |
| $\boxed{\phantom{00}} - \boxed{\phantom{00}}$ | $\boxed{\phantom{00}}$ |
| $\boxed{\phantom{00}} - \boxed{\phantom{00}}$ | $\boxed{\phantom{00}}$ |
| $\boxed{\phantom{00}} - \boxed{\phantom{00}}$ | $\boxed{\phantom{00}}$ |
| $\boxed{\phantom{00}} - \boxed{\phantom{00}}$ | $\boxed{\phantom{00}}$ |
| $\boxed{\phantom{00}} - \boxed{\phantom{00}}$ | $\boxed{\phantom{00}}$ |
| $\boxed{\phantom{00}} - \boxed{\phantom{00}}$ | $\boxed{\phantom{00}}$ |



- **TENTUKAN HISTOGRAM BERDASARKAN TABEL DISTRIBUSI FREKUENSI YANG TELAH DIBUAT**

