

**HASIL ANALISIS DATA TES HASIL BELAJAR (PRETEST) MELALUI
PENDEKATAN *PROBLEM POSING***

Skor (x_i)	Banyaknya Siswa (f_i)	($f_i \cdot x_i$)	($x_i - \bar{x}$)	($x_i - \bar{x}$) ²	$f_i (x_i - \bar{x})^2$
60	2	120	-16.4	268.96	537.92
65	4	260	-11.4	129.96	519.84
70	3	210	-6.4	40.96	122.88
75	4	300	-1.4	1.96	7.84
80	4	320	3.6	12.96	51.84
85	4	340	8.6	73.96	295.84
90	4	360	13.6	184.96	739.84
Jumlah	25	1910		713.72	2276

- Skor Rata – rata

$$\bar{x} = \frac{\sum f_i \cdot x_i}{\sum f_i} = \frac{1910}{25} = 76,4$$

$$\text{Skor Maksimum } (X_{\max}) = 90$$

$$\text{Skor Minimum } (X_{\min}) = 60$$

$$\begin{aligned} \text{Rentang Skor} &= X_{\max} - X_{\min} \\ &= 90 - 60 \\ &= 30 \end{aligned}$$

- Variansi :

$$S^2 = \frac{\sum f_i \cdot (x_i - \bar{x})^2}{n-1} = \frac{2276}{25-1} = 94,83$$

- Standar Deviasi = $\sqrt{94,83} = 9,74$

**HASIL ANALISIS DATA TES HASIL BELAJAR (POSTTEST) MELALUI
PENDEKATAN *PROBLEM POSING***

Skor (x_i)	Banyaknya Siswa (f_i)	($f_i \cdot x_i$)	($x_i - \bar{x}$)	($x_i - \bar{x}$) ²	$f_i (x_i - \bar{x})^2$
68.18	1	68.18	-15.82	250.23	250.23
72.73	4	290.92	-11.27	126.99	507.94
77.27	4	309.08	-6.73	45.28	181.11
81.82	3	245.46	-2.18	4.75	14.24
86.36	4	345.44	2.36	5.58	22.30
90.91	4	363.64	6.91	47.76	191.06
95.45	5	477.25	11.45	131.13	655.65
Jumlah	25	2099.97		611.71	1822.54

- Skor Rata – rata

$$\bar{x} = \frac{\sum f_i \cdot x_i}{\sum f_i} = \frac{2099.97}{25} = 84$$

$$\text{Skor Maksimum } (X_{\max}) = 95,45$$

$$\text{Skor Minimum } (X_{\min}) = 68,18$$

$$\begin{aligned} \text{Rentang Skor} &= X_{\max} - X_{\min} \\ &= 95,45 - 68,18 \\ &= 27,27 \end{aligned}$$

- Variansi :

$$S^2 = \frac{\sum f_i \cdot (x_i - \bar{x})^2}{n-1} = \frac{1822.54}{25-1} = 75,94$$

- Standar Deviasi = $\sqrt{75,94} = 8,71$