

LOGARITMA

1. $8_{\log 32} = 2^3 \log 2^5$

$$= \frac{\square}{\square} 2_{\log 2} \quad (\text{ingat sifat ke-6})$$

$$= \frac{\square}{3} ()$$

$$= \frac{\square}{\square}$$

2. $10_{\log 100} =$

Jawab: $10_{\log 100} = 10_{\log \square^2}$
 $= 2 \times 10_{\log \square}$
 $= 2 \times \dots$
 $= \dots$

3. Diketahui $2_{\log 8} = m$. $2_{\log 7} = n$
Tentukan nilai dari $16_{\log 14} = \dots$

Jawab : $16_{\log 14} = \frac{\log \square}{\log \square}$

$$= \frac{\square \log \square}{\square \log \square}$$

$$= \frac{\square \log (\times)}{\square \log (\times)}$$

$$= \frac{\square \log \square + \square \log \square}{\square \log \square + \square \log \square}$$

$$= \frac{\dots + \dots}{\dots + \dots}$$

4. $2_{\log 16} + 2_{\log 8} = \dots$

Jawab : $2_{\log 16} + 2_{\log 8} = \square_{\log \square} \times$
 $= 2_{\log \square}$
 $= 2_{\log 2^{\square}}$
 $= \square \times \log \square$
 $= \dots \times \dots$
 $= \dots$

Nama Anggota Kelompok