

LATIHAN 1 LOGARITMA

DEFINISI LOGARITMA

Lembar Kerja Murid

DEFINISI LOGARITMA

Oleh : Siti Rokhimah, S.Pd.



Perhatikan petunjuk pengerjaan setiap soal dengan seksama

Soal 01

Isilah titik-titik berikut dengan drag-drop jawaban yang menurutmu benar

SOAL				PILIHAN JAWABAN		
Bentuk Eksponen			Bentuk Logaritma			
$2^4 = \dots\dots\dots$	➡	$\dots\dots\dots = \dots\dots\dots$		16	${}^2\log 16$	${}^2\log 32$
$2^5 = \dots\dots\dots$	➡	$\dots\dots\dots = \dots\dots\dots$		${}^2\log \sqrt[5]{2}$	${}^2\log \frac{1}{16}$	-4
$2^{-4} = \dots\dots\dots$	➡	$\dots\dots\dots = \dots\dots\dots$		$\sqrt{32}$	4	32
$2^{-5} = \dots\dots\dots$	➡	$\dots\dots\dots = \dots\dots\dots$		$\sqrt[5]{2}$	$\frac{1}{16}$	${}^2\log \sqrt{32}$
$\frac{1}{2^5} = \dots\dots\dots$	➡	$\dots\dots\dots = \dots\dots\dots$		$\frac{1}{32}$	${}^2\log \frac{1}{32}$	-5
$\frac{5}{2^2} = \dots\dots\dots$	➡	$\dots\dots\dots = \dots\dots\dots$		5	$\frac{1}{5}$	$\frac{5}{2}$

Soal 02

Isilah titik-titik berikut dengan benar

a. ${}^3\log 9 = \dots\dots\dots$

b. ${}^3\log 27 = \dots\dots\dots$

c. ${}^4\log 64 = \dots\dots\dots$

d. ${}^5\log \frac{1}{25} = \dots\dots\dots$

e. $\log 1000 = \dots\dots\dots$

f. ${}^8\log 1 = \dots\dots\dots$