LATIHAN 2 LOGARITMA

SIFAT LOGARITMA 1-5

Lembar Kerja Murid

SIFAT LOGARITMA 1-5

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Perhatikan petunjuk pengerjaan setiap soal dengan seksama

Soal 01

Buatlah garis ke arah kanan pada jawaban yang menurutmu paling tepat

SOAL		JAWABAN
${}^{6}\log 6^{-4}$	=	$\frac{10}{6}$
${}^{3}\log 3^{5}$	=	5
${}^{7^6}\log 7^{10}$	=	-4
${}^{5}\log 5$	=	2
$\log 10^{2}$	=	0
${}^{15}\log 1$	=	1
${}^{3^{10}}\log 3^{6}$	=	$-\frac{1}{4}$
${}^{11^{-4}}\log 11$	=	$\frac{1}{2}$
${}^{4^{5}}\log 4$	=	$\frac{1}{5}$
${}^{10^{2}}\log 10$	=	$\frac{6}{10}$

Soal 02

- *Buatlah garis dari kolom **soal** ke arah kolom **jawaban** yang menurutmu paling tepat*
- *Input jawaban akhir pada kolom **jawaban akhir***

SOAL		JAWABAN		JAWABAN AKHIR
$^{3}\log 81$	=	$^{2^4}\log 2$	→	/
$^{16}\log 2$	=	$^{5}\log 5^{-1}$	→	
$^{5}\log \frac{1}{5}$	=	$^{3}\log 3^{4}$	→	
$\log \sqrt{10}$	=	$\log 10^{\frac{1}{2}}$	→	/
$\log 100$	=	$^{2^{-1}}\log 2^{3}$	→	
$\frac{1}{27}\log 3$	=	$\log 10^{2}$	→	
$\frac{1}{2}\log 8$	=	$^{2^{-1}}\log 2^{4}$	→	
$\frac{1}{2}\log 16$	=	$^{3^{-3}}\log 3$	→	/

Soal 03

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

SOAL							PILIHAN JAWABAN	
$^{25}\log 27$	=	$^{5^2}\log 3^3$	=	$\frac{3}{2}\,^{5}\log 3$			→ CONTOH	
$^{5^3}\log 3^{-12}$	=		=		=		$^{6}\log 2^{\frac{3}{2}}$	$-\frac{1}{4}\,^{5}\log 3$
$^{81}\log 2$	=		=		=		$\frac{2}{3}\,^{6}\log 2$	$\frac{1}{4}\,^{3}\log 2$
$^{6}\log \sqrt{8}$	=		=		=		$^{3^4}\log 2$	$\frac{3}{2}\,^{6}\log 2$
$^{3}\log 16$	=		=		=		$-4\,^{5}\log 3$	$4\,^{3}\log 2$
$^{125}\log 3$	=		=		=		$^{5^3}\log 3$	$\frac{-12}{3}\,^{5}\log 3$
$^{5^{-12}}\log 3^3$	=		=		=		$\frac{3}{-12}\,^{5}\log 3$	$^{6}\log 2^{\frac{2}{3}}$
$^{6}\log \sqrt[3]{4}$	=		=		=		$^{3}\log 2^4$	$\frac{1}{3}\,^{5}\log 3$