

LKPD – 2 LOGARITMA

Nama :

Kelas :

Sifat-sifat Logaritma

Tonton video tentang sifat-sifat logaritma !

Latihan Soal : Tulislah sesuai aturan sifat logaritma berikut !

$${}^3\log 9 \rightarrow$$

Ketiklah jawabannya tanpa spasi dan dengan huruf biasa (huruf kecil)!

$${}^a\log b = \frac{\log b}{\log a}$$

$${}^5\log 25 \rightarrow$$

$${}^4\log 16 \rightarrow$$

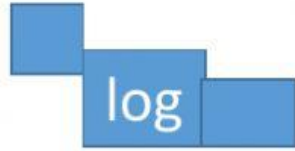
$${}^2\log 32 \rightarrow$$

$${}^m\log n \rightarrow$$

$${}^7\log 49 \rightarrow$$

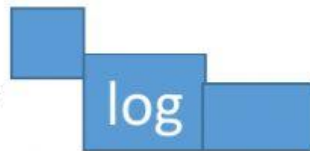
$${}^g\log h \rightarrow$$

$$\frac{\log g}{\log h} \rightarrow$$

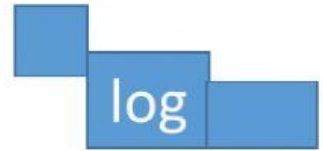


$$\frac{\log a}{\log b} = {}^b\log a$$

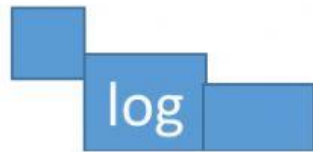
$$\frac{\log 10}{\log 100} \rightarrow$$



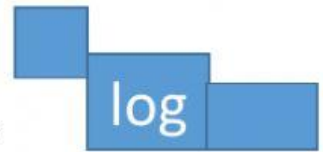
$$\frac{\log c}{\log d} \rightarrow$$



$$\frac{\log 8}{\log 2} \rightarrow$$



$$\frac{\log 3}{\log 9} \rightarrow$$



Hitunglah nilai logaritma berikut !

Tuliskan nilai akhirnya !

$${}^7\log 49 =$$

$${}^a\log a^2 =$$

$${}^2\log 32 =$$

$${}^{10}\log 100 =$$

$${}^4\log 16 =$$

$${}^8\log 64 =$$

$${}^5\log 125 =$$