

**MATE
TAMB.
T4**

NAMA:.....TINGKATAN:.....

Indeks, Surd dan Logaritma

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$$\log_6(x-2) = 3$$

$$4^{\frac{1}{2}} = (x+1)$$

$$10^x = 1000$$

$$5^x = 56$$

$$\log_{(x-3)} 2 = \frac{1}{3}$$

$$\log_2\left(\frac{1}{x}\right) = -3$$

$$\log_{(x+1)}(34) = 13$$

$$3^{-3} = \frac{1}{27}$$

$$\log_7(3x-2) = 128$$

$$w^{(x-3)} = 6y$$

Susun dan kelaskan persamaan diatas sama ada bentuk indeks atau logaritma

Exponential Form

Log Form

Padankan nilai bagi logaritma di bawah.

$\log 54$

-0.1938

$\log_{10} 87$

0.1614

$\ln 78$

0.2311

$\log 0.64$

4.3567

$\log 1.45$

1.7324

$\ln 1.26$

1.9395