

$$\log_4 16$$

A logarithm represents an

In this case, it represents the exponent you raise base

The question you should be asking yourself is:

$$\log_4 16$$

$$\log_2 8$$

$$\log_3 9$$

$$\log_{10} 1000$$

$$\log 1000$$

$$4 =$$

$$2 =$$

$$3 =$$

$$10 =$$

$$\log_5 5$$

$$\log_{\pi} \pi^2$$

$$\log_3 1$$

$$\log 10^{-5}$$

$$5 =$$

$$\pi =$$

$$3 =$$

$$10 =$$

$$\log_5\left[\frac{1}{25}\right]$$

$$\log_3 0$$

$$\log_4 8$$

$$\log_8\left[\frac{1}{16}\right]$$

$$5 =$$

$$4 =$$

$$8 =$$