

ÜSLÜ İFADELER TEOG ÇALIŞMA SORULARI 2

Üssün Üssü Özelliği :

$$(2^3)^2 =$$

$$(3^2)^2 =$$

$$(3^0)^1 =$$

$$(5^1)^6 =$$

$$(25^2)^2 =$$

$$\left((2^2)^2\right)^2 =$$

$$\left((4^3)^1\right)^{-2} =$$

$$\left((1^5)^5\right)^5 =$$

$$(0^2)^2 =$$

$$\left((a^b)^c\right)^2 =$$

Negatif Kuvvet Özelliği :

$$2^{-1} =$$

$$3^{-2} =$$

$$a^{-1} =$$

$$4^{-1} =$$

$$(2^2)^{-1} =$$

$$(9^{-1})^2 =$$

$$(m^{-1})^{-1} =$$

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

$$\left(\frac{2}{5}\right)^{-2} =$$

$$\left(\frac{4}{9}\right)^{-1} =$$

$$\left(\frac{25}{81}\right)^{-1} =$$

$$\left(\frac{1}{27}\right)^{-1} =$$

$$\left(\frac{a}{b}\right)^{-1} =$$

$$\left(\frac{1}{b}\right)^{-2} =$$

$$\left(\left(\frac{1}{2}\right)^{-2}\right)^{-1} =$$

$$\left(\left(\frac{a}{b}\right)^{-1}\right)^{-1} =$$

Bilinmeyeni Bulma :

$$2^2 \cdot 2^a = 2^8 \text{ ise } a = ?$$

$$2^5 \cdot 2^m = 2^{-2} \text{ ise } m = ?$$

$$2^0 \cdot 2^k \cdot 2^5 = 2^7 \text{ ise } k = ?$$

$$4^2 \cdot 2^k = 2^7 \text{ ise } k = ?$$

$$3^3 \cdot 3^{k+1} = 3^7 \text{ ise } k = ?$$

$$9^2 \cdot 3^k = 3^9 \text{ ise } k = ?$$

$$25^2 \cdot 5^{2a} = 5^8 \text{ ise } a = ?$$

$$5^2 \cdot 3^a \cdot 5^b \cdot 9^3 = 5^6 \cdot 3^2 \text{ ise } a + b = ?$$

$$4^2 \cdot 3^x \cdot 2^y \cdot 9^3 = 2^6 \cdot 3^7 \text{ ise } x + y = ?$$

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