

NAMA : _____

KELAS : _____

JAWAB SOAL-SOAL BERIKUT DENGAN CARA MENGISI KOTAK YANG DISEDIAKAN

1. $2^x = 2^6$

Maka $x =$ _____

2. $3^x = 3^{-5}$

Maka $x =$ _____

3. $4^a = 4^8$

Maka $a =$ _____

4. $a^x = a^{-3}$

Maka $x =$ _____

5. $5^{2x} = 5^{12}$

Maka $x =$ _____ = _____

6. $3^{4a} = 3^{28}$

Maka $a =$ _____ = _____

7. $4^{3x} = 4^{-18}$

Maka $x =$ _____ = _____

8. $2^{-3a} = 2^{15}$

Maka $a =$ _____ = _____

9. $a^{-5x} = a^{-30}$

Maka $x =$ _____ = _____

10. $6^{24} = 6^{4x}$

Maka $x =$ _____ = _____

CONTOH :

$$2^{x-1} = 2^{10}$$

Maka

$$x - 1 = 10$$

$$x = 10 + 1 = 11$$

$$11. 4^{x+3} = 4^{12}$$

Maka

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$x = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$12. a^{x-5} = a^8$$

Maka

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$x = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$13. 3^{x+8} = 3^{12}$$

Maka

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$x = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$14. 5^{x+6} = 5^{11}$$

Maka

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$x = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$15. 2^{2x-1} = 2^7$$

Maka

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$x = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$