EKSPONEN

5. $\sqrt[3]{8^{4x+1}} = 1$

$\sqrt[3]{(2^3)^{4x+1}} = 2^0$

$\left(2^{\frac{3}{\cdots}}\right)^{4x+1} = 2^0$

$2^{\cdots\cdots\cdots} = 2^0$

$4x + 1 = 0$

$4x =$.....

$x =$.....

6. $\frac{9^{2x-1}}{27^{x-1}} = 3$

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

$\frac{3^{\cdots\cdots\cdots}}{3^{\cdots\cdots\cdots}} = 3^1$

$3^{4x-2-(\cdots\cdots\cdots)} = 3^1$

$3^{\cdots\cdots\cdots} = 3^1$

$x + 1 =$.....

$x =$.....

7. $\sqrt{4^{x+4}} = \left(\frac{1}{32}\right)^{6-x}$

$(2^{\cdots})^{x+4} = (2^{\cdots})^{6-x}$

$2^{\cdots\cdots\cdots} = 2^{\cdots\cdots\cdots}$

$x + 4 =$.....

$4x =$.....

$x = \frac{\cdots\cdots}{2}$

SMART
LIVEWORKSHEETS