

PRE-AP ALGEBRA 2

2B.6 CLASSWORK

1) Solve $2^{4x} \cdot 3^{2x} = 45$ for x .

3) Given $y = f(x)$, calculate $y = f^{-1}(x)$.

a) $y = f(x) = 10^{8x-3} + 7$

b) $y = f(x) = \ln(3x + 5) - 8$

2) Solve $e^x + e^{-x} = 4$ for x .