

Math 2215 - Calculus 1

Exercise #1 - 2005.09.08

Solve the following equations for y :

1. $e^{2x} \ln(y) = 2x^2 + 1$

2. $\ln\left(\frac{y+1}{x}\right) = 2x^2 + 4$

3. $e^{2y^3+x} = x + 2$

4. $\ln(2y) + \ln(1 + e^x) = 2x^2 - 1$

5. $e^{xy} + 1 = e^y x$

6. $e^{2+\ln(y)} = xy + 1$

7. $\ln(e^y + 1) = x$