

CSM PRESS – MATH 1190 – Summer 2025

Exponential and Logarithmic Equations Warm up

Instructions: Solve each of the following equations. Do not round your answer.

1. $xe^x - e^x = 0$

2. $2^{7x} = 8$

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

4. $\log_2(x + 5) = 4$

5. $\ln(x + 4) + \ln(x - 1) = \ln(3x)$