

Homework – Solving Equations with the natural base e

1. $e^{2x} = 20$ 1. _____

2. $e^{-2(x+1)} = 2$ 2. _____

3. $\ln(2x - 3) = \ln 21$ 3. _____

4. $2 \ln x + 2 = 1$ 4. _____

5. $\ln(x + 3) = 2 \ln 4$ 5. _____

6. $3 \ln x = \ln 4 + \ln 2$ 6. _____

7. $\ln x + \ln(x + 1) = \ln 2$ 7. _____

8. $\ln \sqrt{x} - 3 = 1$ 8. _____

