Practice worksheet | Logarithmic functions

Natural logarithms

Name: _____ Date: _____

6 questions | 13 marks

1. Evaluate $\ln(e^{\frac{7}{2}})$. [2 marks]

2. Simplify $e^{2\ln 5}$. [2 marks]

3. Solve $\ln(x+4)=2$. [2 marks]

4. Solve $2\ln x = \ln(3x + 4)$. [3 marks]

5. Order $\ln(\frac{1}{2})$, 0, $\ln 2$ and 1 from least to greatest. [2 marks]

6. Simplify $\ln(2e^3)$ exactly. [2 marks]