

Solutions to Warmup 4

1. $\ln 27.3 = 3.3$

2. $e^{5.4} = 221.4$

3. $\ln(e^5) = 5$

4. $e^{(\ln 5)} = 5$

5. $\ln(4 \times 6) = \ln 4 + \ln 6 = 1.39 + 1.79 = 3.18$

6. $\ln\left(\frac{2}{3}\right) = \ln 2 - \ln 3 = 0.69 - 1.10 = -0.41$

7. $\ln(2^3) = 3 \ln 2 = 3 * 0.69 = 2.07$