

Algebra II

Just Checking #5... Week of 2-01-16

Name _____

Practice

Solve. Give the exact answer. For all irrational solutions, also give the decimal approximation rounded to three decimal places.

1. $7^{x-5} = 6$

2. $479 = e^{2x-5}$

3. $10 + \ln(5x - 2) = 12$

4. $\log_{64}(3x - 7) = \frac{2}{3}$

5. $\log_3 x - \log_3 4 = 5$