

Review – Solving equations

Solve each equation. Round all decimals to 3 places.

1. $5^x = 75$

2. $e^x = 22$

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

4. $\log_3(2x-1) = 4$

5. $\log(x+21) + \log x = 2$

6. $15^{2x-3} = 245$

7. $2\ln x + 3\ln 2 = 5$

8. $e^{-x-2} = 50$

9. $\ln(3x+7) = \ln(5x-3)$

10. $\frac{1}{5}(3)^{x+1} - 2 = 5$

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