Lesson 8.1 Practice: Logarithms

School Launch · Algebra II · Unit 8: Logarithmic Functions · Worksheet A

Calculator for decimals

Name _____ Date _____ Score _____ / 10

Show your work under each problem, one step per line, and check your answer. Word problems: name the unknown, write the equation, solve, and answer in a sentence with units.

1. Evaluate: $\log_{2} 2$. EASY

2. Evaluate: $\log_{10} 10000$. EASY

3. Evaluate: $\log_{2} 4$. EASY

4. Evaluate: $\log_{2} 16$. MEDIUM

5. Evaluate: $\log_{5} 1$. MEDIUM

6. Evaluate: $\log_{2} 1$. MEDIUM

7. Evaluate: $\log_{5} 5$. MEDIUM

8. Evaluate: $\log_{2} 2\sqrt{2}$. HARD

9. Evaluate: $\log_{2} \sqrt{2}$. HARD

10. Evaluate: $\log_{10} 10\sqrt{10}$. HARD