Unit X – Exponential and Logarithmic Functions
Part C – Operations With Logarithms
Lesson 3 – Computation

Evaluate each of the following expressions by applying the appropriate properties to find the common logarithm and then reading the table in reverse to find the answer.

1. $(1.64)\left(\sqrt[3]{175}\right)$

2. $\dfrac{50.7}{.728}$

3. $\sqrt{(.286)(3.15)}$

4. $(23.1)^3\left(\sqrt{.116}\right)$

5. $\dfrac{\left(\sqrt[4]{128}\right)(2.67)}{3.71}$

EXTRA PRACTICE — Answers

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Evaluate each of the following expressions by applying the appropriate properties to find the common logarithm and then reading the table in reverse to find the answer.

1. 9.17

2. 69.65

3. .949125

4. 4198.5

5. 2.421