EXTRA PRACTICE — Exercises

Copyright ® 2003 by Videotext Interactive

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.

| $\langle \rangle \langle \rangle \langle \rangle \langle \rangle \rangle$ | 50.7 |
|---|----------------------|
| 1. $(1.64)(\sqrt[3]{175})$ | 2. $\overline{.728}$ |

| $3. \sqrt{(.286)(3.15)}$ | 4. $(23.1)^3 (\sqrt{.116})$ |
|--------------------------|-----------------------------|
| $\sqrt{(.200)(3.13)}$ | (23.1) (110) |

5.
$$\frac{(\sqrt[4]{128})(2.67)}{3.71}$$

EXTRA PRACTICE — Answers

Copyright ® 2004 by Videotext Interactive

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.

1.9.17

2. 69.65

3. .949125

4. 4198.5

5. 2.421