Foundations of Algebra Unit 1

Unit 1 Day 6 Practice

1. Solve the following problems without a calculator:

a. 54,000 x 10 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ b. 2,000 ÷ 100 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c. 0.13 x 10 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ d. 8.7 ÷ 10 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

e. 3.12 x 1,000 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ f. 4,031.2 ÷ 100 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. A manufacturer made 7,234 boxes of coffee stirrers. Each box contains 1,000 stirrers. How many stirrers did they make?

3. A microscope has a setting that magnifies an object so that it appears 100 times as large when viewed through the eyepiece. If a tiny insect is 0.095 cm long, how long will the insect appear in centimeters through the microscope?