Name _____   Date _____

1. Solve.

    a. 36,000 × 10 = _____

    b. 36,000 ÷ 10 = _____

    c. 4.3 × 10 = _____

    d. 4.3 ÷ 10 = _____

    e. 2.4 x 100 = _____

    f. 24 ÷ 1,000 = _____

    g. 4.54 × 1,000 = _____

    h. 3,045.4 ÷ 100 = _____

2. Find the products.

    a. 14,560 × 10   = _____

    b. 14,560 × 100   = _____

    c. 14,560 × 1,000 = _____

    Explain how you decided on the number of zeros in the products for (a), (b), and (c).

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base ten units from millions to thousandths.

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3. Find the quotients.

   a. $16.5 \div 10$ = _____

   b. $16.5 \div 100$ = _____

   c. Explain how you decided where to place the decimal in the quotients for (a) and (b).

4. Ted says that 3 tenths multiplied by 100 equals 300 thousandths. Is he correct? Use a place value chart to explain your answer.

5. Alaska has a land area of about 1,700,000 square kilometers. Florida has a land area $\frac{1}{10}$ the size of Alaska. What is the land area of Florida? Explain how you found your answer.

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