

Name: _____

Date: _____ Per: _____

Lesson 3.3.2 Homework

3-107. Answer the questions below using your work from this lesson.

- a. Find $15.75 \div 0.25$ using the standard algorithm for division.
- b. Find $15.75 \div 0.25$ using a Giant One.
- c. Which method do you prefer?

3-108. Write an equation and find the answer for each of the following problems. Give answers in decimal form.

- a. What is the product of three tenths and four hundredths?
- b. What is the sum of five and thirteen hundredths plus twelve and six tenths?
- c. What is forty-seven and seven tenths minus twenty-three and nineteen hundredths?
- d. What is the product of twenty hundredths and sixty-five thousandths?
- e. What is the sum of fourteen tenths and fourteen hundredths?

3-109. Each problem below has an error in the answer. Find the error, explain how to correct the mistake, and correct it.

A.
$$\begin{array}{r} 10 \\ \times 0.5 \\ \hline 50 \end{array}$$

B.
$$\begin{array}{r} 467.92 \\ + 1.293 \\ \hline 479.85 \end{array}$$

C.
$$\begin{array}{r} 100 \\ - 62.837 \\ \hline 38.837 \end{array}$$

D.
$$\begin{array}{r} 1.234 \\ \times 0.003 \\ \hline 0.3702 \end{array}$$

3-110. This problem is a checkpoint for multiplication of fractions and decimals. It will be referred to as Checkpoint 3.

Multiply each pair of fractions or each pair of decimals. Simplify if possible.

a. $\frac{3}{4} \cdot \frac{3}{5}$

b. $\frac{9}{20} \cdot \frac{4}{9}$

c. $3\frac{1}{6} \cdot 1\frac{1}{3}$

d. $2\frac{1}{4} \cdot 3\frac{1}{5}$

e. $3.62 \cdot 3.4$

f. $0.26 \cdot 0.0008$