

Name _____

Date _____

Multiply. Do at least one problem using unit form and at least one problem using fraction form.

a. $3.2 \times 1.4 = 4.48$

$$\begin{array}{r} 32 \text{ tenths} \\ \times 14 \text{ tenths} \\ \hline 128 \\ + 320 \\ \hline 448 \text{ hundredths} \end{array}$$

b. $1.6 \times 0.7 = 1.12$

$$= \frac{16}{10} \times \frac{7}{10} = \frac{112}{100} = 1 \frac{12}{100} = 1.12$$

c. $2.02 \times 4.2 = 8.484$

$$\frac{202}{100} \times \frac{42}{10} = \frac{8484}{1000}$$

$$= 8 \frac{484}{1000}$$

$$= 8.484$$

d. $2.2 \times 0.42 = 0.924$

$$= \frac{22}{10} \times \frac{42}{100} = \frac{924}{1000} = 0.924$$

$$\begin{array}{r} 202 \\ \times 42 \\ \hline 404 \\ 8080 \\ \hline 8484 \end{array}$$

$$\begin{array}{r} 42 \\ \times 22 \\ \hline 84 \\ + 840 \\ \hline 924 \end{array}$$