

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Multiply. The first one has been done for you.

a.  $3.3 \times 1.6 = \frac{33}{10} \times \frac{16}{10}$

$$= \frac{33 \times 16}{100}$$

$$= \frac{528}{100}$$

$$= 5.28$$

3 3

$$\begin{array}{r} \times 16 \\ 198 \end{array}$$

$$\begin{array}{r} + 330 \\ \hline 528 \end{array}$$

b.  $3.3 \times 0.8 =$

3 3

$$\begin{array}{r} \times 8 \\ \hline \end{array}$$

c.  $4.4 \times 3.2 =$

d.  $2.2 \times 1.6 =$

2. Multiply. The first one has been done for you.

a.  $3.36 \times 1.4 = \frac{336}{100} \times \frac{14}{10}$

$$= \frac{336 \times 14}{1000}$$

$$= \frac{4,704}{1000}$$

$$= 4.704$$

3 3 6

$$\begin{array}{r} \times 14 \\ \hline \end{array}$$

b.  $3.35 \times 0.7 =$

3 3 5

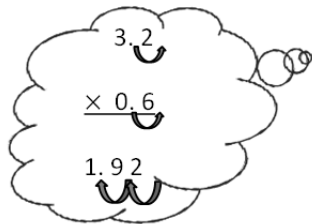
$$\begin{array}{r} \times 7 \\ \hline \end{array}$$

c.  $4.04 \times 3.2 =$

d.  $4.4 \times 0.16 =$

3. Solve using the standard algorithm. Use the thought bubble to show your thinking about the units of your product.

a.  $3.2 \times 0.6 =$  \_\_\_\_\_



32 tenths  
 $\times$  6 tenths  
192 hundredths

b.  $3.2 \times 1.2 =$  \_\_\_\_\_



32  
 $\times$  12

c.  $7.41 \times 3.4 =$  \_\_\_\_\_



d.  $6.50 \times 4.5 =$  \_\_\_\_\_



4. Erik buys 2.5 lb of cashews. If each pound of cashews costs \$7.70, how much will he pay for the cashews?

5. A swimming pool at a park measures 9.75 m by 7.2 m.

- a. Find the area of the swimming pool.

- b. The area of the playground is one and a half times that of the swimming pool. Find the total area of the swimming pool and the playground.