• **multiplication and division of decimals**

A. Multiply or divide.
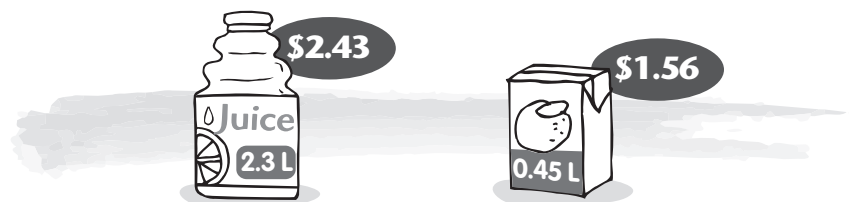
1. ┌─ x 100 ─┐

    0.28 _____

    3.4 _____

2. ┌─ ÷ 100 ─┐

    43.681 _____

    160.52 _____

3. ┌─ ÷ 10 000 ─┐

    11.67 _____

    2.4 _____

4. ┌─ x 10 000 ─┐

    0.321 _____

    7.043 _____

B. Find the answers.

$2.43   Juice 2.3 L

$1.56   0.45 L

1. **100 cartons**   Total amount: _____   Total price: _____

2. **10 000 cartons**   Total amount: _____   Total price: _____

3. **10 bottles**   Total amount: _____   Total price: _____

4. **1000 bottles**   Total amount: _____   Total price: _____

C. Write the missing number to complete each division sentence.

1. $2.03 \div$ _____ $= 0.0203$

2. $19.8 \div$ _____ $= 0.0198$

3. _____ $\div 100 = 0.167$

4. $5.81 \div$ _____ $= 0.581$

5. _____ $\div 10 = 0.0022$

6. $20.37 \div$ _____ $= 0.002037$

D. Multiply or divide.

1.
$$\begin{array}{r} 1.429 \\ \times \qquad 5 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 2.019 \\ \times \qquad 6 \\ \hline \end{array}$$

3.
$$4\,|\,4.856$$

4.
$$3\,|\,5.403$$

5. 1.475 x 8 = _____

6. 0.267 ÷ 3 = _____

7. 3.124 x 2 = _____

8. 12.642 ÷ 6 = _____

9. 5.003 x 3 = _____

10. 14.524 ÷ 4 = _____

E. Solve the problems.

1. 5 bags each having 1.449 kg of sugar are put into 3 jars equally.

   a. How many kg of sugar are there in total?

   _____

   b. How many kg of sugar are there in each jar?

   _____

2. A jar has a capacity of 2.58 L and 6 cups of water fills the jar.

   a. What is the capacity of each cup?

   _____

   b. How much water can 8 cups hold?

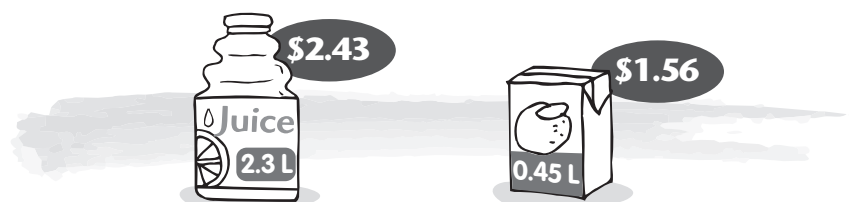   _____

Math

- **multiplication and division of decimals**

A. Multiply or divide.

1. ┌─ x 100 ─┐

   0.28   __28__

   3.4   __340__

2. ┌─ ÷ 100 ─┐

   43.681   __0.43681__

   160.52   __1.6052__

3. ┌─ ÷ 10 000 ─┐

   11.67   __0.001167__

   2.4   __0.00024__

4. ┌─ x 10 000 ─┐

   0.321   __3210__

   7.043   __70 430__

B. Find the answers.

$2.43   Juice 2.3 L   **$1.56**   0.45 L

1. **100 cartons**   Total amount: __45 L__   Total price: __$156__

2. **10 000 cartons**   Total amount: __4500 L__   Total price: __$15 600__

3. **10 bottles**   Total amount: __23 L__   Total price: __$24.3__

4. **1000 bottles**   Total amount: __2300 L__   Total price: __$2430__

C. Write the missing number to complete each division sentence.

1. $2.03 \div$ __100__ $= 0.0203$

2. $19.8 \div$ __1000__ $= 0.0198$

3. __16.7__ $\div 100 = 0.167$

4. $5.81 \div$ __10__ $= 0.581$

5. __0.022__ $\div 10 = 0.0022$

6. $20.37 \div$ __10 000__ $= 0.002037$

D. Multiply or divide.

1.
$$\begin{array}{r} 1.429 \\ \times\ \ \ \ 5 \\ \hline 7.145 \end{array}$$

2.
$$\begin{array}{r} 2.019 \\ \times\ \ \ \ 6 \\ \hline 12.114 \end{array}$$

3.
$$4\ |\ \underline{4.856} \\ 1.214$$

4.
$$3\ |\ \underline{5.403} \\ 1.801$$

5. 1.475 x 8 = __11.8__

6. 0.267 ÷ 3 = __0.089__

7. 3.124 x 2 = __6.248__

8. 12.642 ÷ 6 = __2.107__

9. 5.003 x 3 = __15.009__

10. 14.524 ÷ 4 = __3.631__

E. Solve the problems.

1. 5 bags each having 1.449 kg of sugar are put into 3 jars equally.

   a. How many kg of sugar are there in total?
   __7.245 kg__

   b. How many kg of sugar are there in each jar?
   __2.415 kg__

2. A jar has a capacity of 2.58 L and 6 cups of water fills the jar.

   a. What is the capacity of each cup?
   __0.43 L__

   b. How much water can 8 cups hold?
   __3.44 L__