- **multiplication and division of decimals**

## A. Check the correct answers.

1. When multiplying a decimal by 100, move the decimal point _____ place(s) to the _____ .

   (A) 1 ; left  (B) 2 ; left  (C) 2 ; right

2. When dividing a decimal by 10, move the decimal point _____ place(s) to the _____ .

   (A) 1; left  (B) 2 ; left  (C) 1 ; right

## B. Find the answers.

1. 6.24 x 10 = _____

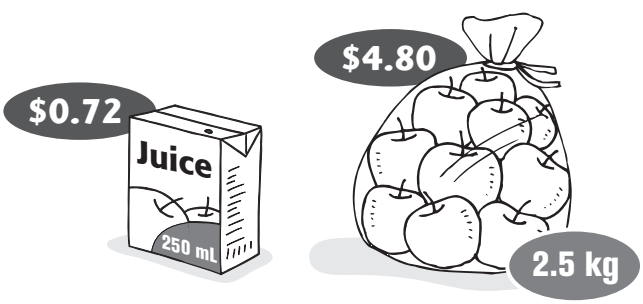
2. 0.73 x 100 = _____

3. 9.2 ÷ 10 = _____

4. 0.42 ÷ 10 = _____

5. 21.9 ÷ 10 = _____

6. 0.82 x 100 = _____




7. 10 bags of apples weigh:

   _____

8. 100 boxes of juice cost:

   _____

9. Each apple costs:

   _____

## C. Find each product.

1. $\begin{array}{r} 6.7 \\ \times \quad 4 \\ \hline \end{array}$

2. $\begin{array}{r} 0.79 \\ \times \quad 3 \\ \hline \end{array}$

3. $\begin{array}{r} 8.26 \\ \times \quad 8 \\ \hline \end{array}$

4. 7.05 x 8 = _____

5. 9.23 x 2 = _____

6. 5.4 x 9 = _____

7. 10.2 x 7 = _____

## D. Estimate each quotient.

1. 8.04 ÷ 2 = _____

2. 9.2 ÷ 3 = _____

3. 20.73 ÷ 7 = _____

4. 15.9 ÷ 4 = _____

5. 4.09 ÷ 2 = _____

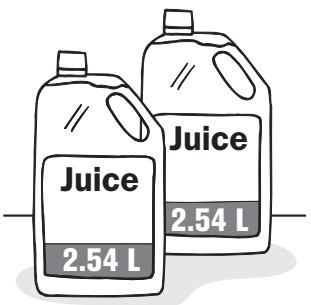
6. 18.31 ÷ 6 = _____

## E. Solve the problems.

1. Sarah bought 2 bottles of juice. How many litres of juice did she buy?

_____

2. Sarah pours the juice equally into 10 cups. How much juice does each cup have?




_____

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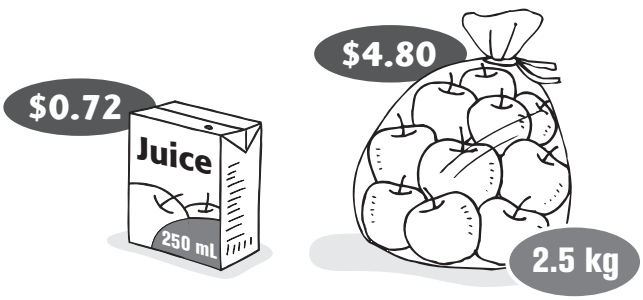
2. When dividing a decimal by 10, move the decimal point _____ place(s) to the _____ .

(A) ✔ 1; left (B) 2 ; left (C) 1 ; right

## B. Find the answers.

1. 6.24 x 10 = 62.4
2. 0.73 x 100 = 73
3. 9.2 ÷ 10 = 0.92
4. 0.42 ÷ 10 = 0.042
5. 21.9 ÷ 10 = 2.19
6. 0.82 x 100 = 82




7. 10 bags of apples weigh:
   2.5 x 10 = 25 (kg)
8. 100 boxes of juice cost:
   $0.72 x 100 = $72
9. Each apple costs:
   $4.80 ÷ 10 = $0.48

## C. Find each product.

1. 6.7 × 4 = 26.8

2. 0.79 × 3 = 2.37

3. 8.26 × 8 = 66.08

4. 7.05 x 8 = 56.4

5. 9.23 x 2 = 18.46

6. 5.4 x 9 = 48.6

7. 10.2 x 7 = 71.4

## D. Estimate each quotient.

(Suggested estimates)

1. 8.04 ÷ 2 = 4

2. 9.2 ÷ 3 = 3

3. 20.73 ÷ 7 = 3

4. 15.9 ÷ 4 = 4

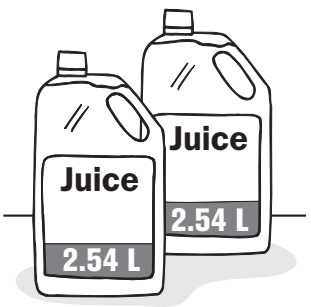
5. 4.09 ÷ 2 = 2

6. 18.31 ÷ 6 = 3

## E. Solve the problems.

1. Sarah bought 2 bottles of juice. How many litres of juice did she buy?

2.54 x 2 = 5.08 (L)
She bought 5.08 L of juice.




2. Sarah pours the juice equally into 10 cups. How much juice does each cup have?

5.08 ÷ 10 = 0.508 (L)
Each cup has 0.508 L of juice.