

Multiply the following decimals. Circle your answer.

1) $2.45 * 1.21$

2) $7.69 * 1.22$

3) $0.66 * 4.11$

4) $0.49 * 2.46$

5) $6.04 * 5.75$

6) $4.11 * 3.73$

7) $7.77 * 3.12$

8) $8.57 * 6.12$

9) $8.11 * 4.75$

Multiply the following decimals. Circle your answer.

1) $2.45 * 1.21$

Answer: 2.96

2) $7.69 * 1.22$

Answer: 9.38

3) $0.66 * 4.11$

Answer: 2.71

4) $0.49 * 2.46$

Answer: 1.21

5) $6.04 * 5.75$

Answer: 34.73

6) $4.11 * 3.73$

Answer: 15.33

7) $7.77 * 3.12$

Answer: 24.24

8) $8.57 * 6.12$

Answer: 52.45

9) $8.11 * 4.75$

Answer: 38.52

Solution Steps

1) 2.45×1.21

$$\begin{array}{r} 245 \\ * 121 \\ \hline 245 \\ 4900 \\ +24500 \\ \hline 29645 \end{array}$$

2.45 has two digits after the

1.21 has two digits after the

We move the decimal point
4 (2+2) places to the left

2) 7.69×1.22

$$\begin{array}{r} 769 \\ * 122 \\ \hline 1538 \\ 15380 \\ +76900 \\ \hline 93818 \end{array}$$

7.69 has two digits after the

1.22 has two digits after the

We move the decimal point
4 (2+2) places to the left

3) 0.66×4.11

$$\begin{array}{r} 22 \\ 66 \\ * 411 \\ \hline 66 \\ 660 \\ +26400 \\ \hline 27126 \end{array}$$

0.66 has two digits after the

4.11 has two digits after the

We move the decimal point
4 (2+2) places to the left

4) 0.49×2.46

$$\begin{array}{r} 1 \\ 49 \\ * 246 \\ \hline 294 \\ 1960 \\ + 9800 \\ \hline 12054 \end{array}$$

0.49 has two digits after the

2.46 has two digits after the

We move the decimal point
4 (2+2) places to the left

5) 6.04×5.75

$$\begin{array}{r} 32 \\ 604 \\ * 575 \\ \hline 3020 \\ 42280 \\ +302000 \\ \hline 347300 \end{array}$$

6.04 has two digits after the

5.75 has two digits after the

We move the decimal point
4 (2+2) places to the left

6) 4.11×3.73

$$\begin{array}{r} 1 \\ 411 \\ * 373 \\ \hline 1233 \\ 28770 \\ +123300 \\ \hline 153303 \end{array}$$

4.11 has two digits after the

3.73 has two digits after the

We move the decimal point
4 (2+2) places to the left

$$7) 7.77 * 3.12$$

$$\begin{array}{r} 222 \\ 777 \\ * 312 \\ \hline 1554 \\ 7770 \\ +233100 \\ \hline 242424 \end{array}$$

7.77 hastwodigitafterth

3.12 hastwodigitafterth

We move the decimal point

4 (2+2) places to the left

$$8) 8.57 * 6.12$$

$$\begin{array}{r} 534 \\ 857 \\ * 612 \\ \hline 1714 \\ 8570 \\ +514200 \\ \hline 524484 \end{array}$$

8.57 hastwodigitafterth

6.12 hastwodigitafterth

We move the decimal point

4 (2+2) places to the left

$$9) 8.11 * 4.75$$

$$\begin{array}{r} 3 \\ 811 \\ * 475 \\ \hline 4055 \\ 56770 \\ +324400 \\ \hline 385225 \end{array}$$

8.11 hastwodigitafterth

4.75 hastwodigitafterth

We move the decimal point

4 (2+2) places to the left