

Multiply the following decimals. Circle your answer.

1) $2.35 * 6.55$

2) $2.43 * 5.72$

3) $8.73 * 3.89$

4) $1.35 * 4.53$

5) $7.09 * 3.63$

6) $1.26 * 4.32$

7) $4.13 * 7.28$

8) $3.24 * 2.39$

9) $7.39 * 0.14$

Multiply the following decimals. Circle your answer.

1) $2.35 * 6.55$

Answer: 15.39

2) $2.43 * 5.72$

Answer: 13.9

3) $8.73 * 3.89$

Answer: 33.96

4) $1.35 * 4.53$

Answer: 6.12

5) $7.09 * 3.63$

Answer: 25.74

6) $1.26 * 4.32$

Answer: 5.44

7) $4.13 * 7.28$

Answer: 30.07

8) $3.24 * 2.39$

Answer: 7.74

9) $7.39 * 0.14$

Answer: 1.03

Solution Steps

1) $2.35 * 6.55$

$$\begin{array}{r} 123 \\ 235 \\ * 655 \\ \hline 1175 \\ 11750 \\ +141000 \\ \hline 153925 \end{array}$$

2.35 hastwo digit after the

6.55 hastwo digit after the

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

2) $2.43 * 5.72$

$$\begin{array}{r} 121 \\ 243 \\ * 572 \\ \hline 486 \\ 17010 \\ +121500 \\ \hline 138996 \end{array}$$

2.43 hastwo digit after the

5.72 hastwo digit after the

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

3) $8.73 * 3.89$

$$\begin{array}{r} 22 \\ 873 \\ * 389 \\ \hline 7857 \\ 69840 \\ +261900 \\ \hline 339597 \end{array}$$

8.73 hastwo digit after the

3.89 hastwo digit after the

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

4) $1.35 * 4.53$

$$\begin{array}{r} 12 \\ 135 \\ * 453 \\ \hline 405 \\ 6750 \\ +54000 \\ \hline 61155 \end{array}$$

1.35 hastwo digit after the

4.53 hastwo digit after the

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

5) $7.09 * 3.63$

$$\begin{array}{r} 22 \\ 709 \\ * 363 \\ \hline 2127 \\ 42540 \\ +212700 \\ \hline 257367 \end{array}$$

7.09 hastwo digit after the

3.63 hastwo digit after the

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

6) $1.26 * 4.32$

$$\begin{array}{r} 12 \\ 126 \\ * 432 \\ \hline 252 \\ 3780 \\ +50400 \\ \hline 54432 \end{array}$$

1.26 hastwo digit after the

4.32 hastwo digit after the

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

$$7) 4.13 * 7.28$$

$$\begin{array}{r} 22 \\ 413 \\ * 728 \\ \hline 3304 \\ 8260 \\ +289100 \\ \hline 300664 \end{array}$$

4.13 hastwo digits after the

7.28 hastwo digits after the

We move the decimal point

4 (2+2) places to the left

$$8) 3.24 * 2.39$$

$$\begin{array}{r} 324 \\ * 239 \\ \hline 2916 \\ 9720 \\ +64800 \\ \hline 77436 \end{array}$$

3.24 hastwo digits after the

2.39 hastwo digits after the

We move the decimal point

4 (2+2) places to the left

$$9) 7.39 * 0.14$$

$$\begin{array}{r} 739 \\ * 14 \\ \hline 2956 \\ + 7390 \\ \hline 10346 \end{array}$$

7.39 hastwo digits after the

0.14 hastwo digits after the

We move the decimal point

4 (2+2) places to the left