

**Multiply the following decimals. Circle your answer.**

1)  $4.01 * 1.65$

2)  $2.2 * 1.45$

3)  $8.88 * 7.03$

4)  $6.7 * 5.56$

5)  $1.87 * 4.11$

6)  $8.66 * 0.74$

7)  $1.46 * 3.08$

8)  $8.16 * 5.95$

9)  $6.73 * 3.55$

**Multiply the following decimals. Circle your answer.**

1)  $4.01 * 1.65$

**Answer: 6.62**

2)  $2.2 * 1.45$

**Answer: 3.19**

3)  $8.88 * 7.03$

**Answer: 62.43**

4)  $6.7 * 5.56$

**Answer: 37.25**

5)  $1.87 * 4.11$

**Answer: 7.69**

6)  $8.66 * 0.74$

**Answer: 6.41**

7)  $1.46 * 3.08$

**Answer: 4.5**

8)  $8.16 * 5.95$

**Answer: 48.55**

9)  $6.73 * 3.55$

**Answer: 23.89**

**Solution Steps**

1)  $4.01 * 1.65$

$$\begin{array}{r} 401 \\ * 165 \\ \hline 2005 \\ 24060 \\ +40100 \\ \hline 66165 \end{array}$$

*4.01 has two digits after the*

*1.65 has two digits after the*

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

2)  $2.2 * 1.45$

$$\begin{array}{r} 220 \\ * 145 \\ \hline 1100 \\ 8800 \\ +22000 \\ \hline 31900 \end{array}$$

*2.2 has one digit after the*

*1.45 has two digits after the*

We move the decimal point  
3 (1+2) places to the left

3)  $8.88 * 7.03$

$$\begin{array}{r} 665 \\ 888 \\ * 703 \\ \hline 2664 \\ 0000 \\ +621600 \\ \hline 624264 \end{array}$$

*8.88 has two digits after the*

*7.03 has two digits after the*

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

4)  $6.7 * 5.56$

$$\begin{array}{r} 33 \\ 670 \\ * 556 \\ \hline 4020 \\ 33500 \\ +335000 \\ \hline 372520 \end{array}$$

*6.7 has one digit after the*

*5.56 has two digits after the*

We move the decimal point  
3 (1+2) places to the left

5)  $1.87 * 4.11$

$$\begin{array}{r} 32 \\ 187 \\ * 411 \\ \hline 187 \\ 1870 \\ +74800 \\ \hline 76857 \end{array}$$

*1.87 has two digits after the*

*4.11 has two digits after the*

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

6)  $8.66 * 0.74$

$$\begin{array}{r} 644 \\ 866 \\ * 74 \\ \hline 3464 \\ +60620 \\ \hline 64084 \end{array}$$

*8.66 has two digits after the*

*0.74 has two digits after the*

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

7)  $1.46 * 3.08$

$$\begin{array}{r}
 11 \\
 146 \\
 * 308 \\
 \hline
 1168 \\
 0000 \\
 +43800 \\
 \hline
 44968
 \end{array}$$

$1.46$  has two digits after the decimal point

$3.08$  has two digits after the decimal point

We move the decimal point

4 (2+2) places to the left

8)  $8.16 * 5.95$

$$\begin{array}{r}
 43 \\
 816 \\
 * 595 \\
 \hline
 4080 \\
 73440 \\
 +408000 \\
 \hline
 485520
 \end{array}$$

$8.16$  has two digits after the decimal point

$5.95$  has two digits after the decimal point

We move the decimal point

4 (2+2) places to the left

9)  $6.73 * 3.55$

$$\begin{array}{r}
 22 \\
 673 \\
 * 355 \\
 \hline
 3365 \\
 33650 \\
 +201900 \\
 \hline
 238915
 \end{array}$$

$6.73$  has two digits after the decimal point

$3.55$  has two digits after the decimal point

We move the decimal point

4 (2+2) places to the left