

Multiplying decimals

Multiply as if there were no points. Then count the decimal places in both numbers and put that many in the answer.

Name _____ Date _____

1.

$$\begin{array}{r} 1.3 \\ \times 4.9 \\ \hline \\ \hline \end{array}$$

2.

$$\begin{array}{r} 5.5 \\ \times 5.8 \\ \hline \\ \hline \end{array}$$

3.

$$\begin{array}{r} 9.4 \\ \times 7.9 \\ \hline \\ \hline \end{array}$$

4.

$$\begin{array}{r} 0.2 \\ \times 0.3 \\ \hline \\ \hline \end{array}$$

5.

$$\begin{array}{r} 0.3 \\ \times 0.2 \\ \hline \\ \hline \end{array}$$

6.

$$\begin{array}{r} 6.2 \\ \times 3.7 \\ \hline \\ \hline \end{array}$$

7.

$$\begin{array}{r} 0.4 \\ \times 5.6 \\ \hline \\ \hline \end{array}$$

8.

$$\begin{array}{r} 2.4 \\ \times 2.9 \\ \hline \\ \hline \end{array}$$

9.

$$\begin{array}{r} 8.1 \\ \times 6.2 \\ \hline \\ \hline \end{array}$$

10.

$$\begin{array}{r} 7.5 \\ \times 2.4 \\ \hline \\ \hline \end{array}$$

11.

$$\begin{array}{r} 7.1 \\ \times 7.1 \\ \hline \\ \hline \end{array}$$

12.

$$\begin{array}{r} 0.2 \\ \times 0.2 \\ \hline \\ \hline \end{array}$$

Multiplying decimals: answer key

Each answer in colour, and under it the step that places the point.

1. **$1.3 \times 4.9 = 6.37$**
 $13 \times 49 = 637$; 1 + 1 = 2 decimal places
2. **$5.5 \times 5.8 = 31.9$**
 $55 \times 58 = 3,190$; 1 + 1 = 2 decimal places: 31.90
3. **$9.4 \times 7.9 = 74.26$**
 $94 \times 79 = 7,426$; 1 + 1 = 2 decimal places
4. **$0.2 \times 0.3 = 0.06$**
 $2 \times 3 = 6$; 1 + 1 = 2 decimal places
5. **$0.3 \times 0.2 = 0.06$**
 $3 \times 2 = 6$; 1 + 1 = 2 decimal places
6. **$6.2 \times 3.7 = 22.94$**
 $62 \times 37 = 2,294$; 1 + 1 = 2 decimal places
7. **$0.4 \times 5.6 = 2.24$**
 $4 \times 56 = 224$; 1 + 1 = 2 decimal places
8. **$2.4 \times 2.9 = 6.96$**
 $24 \times 29 = 696$; 1 + 1 = 2 decimal places
9. **$8.1 \times 6.2 = 50.22$**
 $81 \times 62 = 5,022$; 1 + 1 = 2 decimal places
10. **$7.5 \times 2.4 = 18$**
 $75 \times 24 = 1,800$; 1 + 1 = 2 decimal places: 18.00
11. **$7.1 \times 7.1 = 50.41$**
 $71 \times 71 = 5,041$; 1 + 1 = 2 decimal places
12. **$0.2 \times 0.2 = 0.04$**
 $2 \times 2 = 4$; 1 + 1 = 2 decimal places