

Multiplying Decimals

Multiplying decimals is easy. Simply multiply the two numbers together ignoring the decimals until the end of the problem. Then count the number of decimal places in both of the numbers. Move the decimal point from right to left that number of spaces.

$$\begin{array}{r} 12.83 \\ \times 33.71 \\ \hline 1283 \\ \text{Example: } 89810 \\ 484900 \\ \hline 3849000 \\ 4324993 \end{array}$$

Count the number of decimal points in the original problem. You have 4 decimal places. Move the decimal 4 places in from the right to get a final answer of

432.4993

$$1. \begin{array}{r} 12.83 \\ \times 33.71 \\ \hline \end{array}$$

$$6. \begin{array}{r} 44.18 \\ \times 45.15 \\ \hline \end{array}$$

$$10. \begin{array}{r} 56.65 \\ \times 86.33 \\ \hline \end{array}$$

$$2. \begin{array}{r} 98.26 \\ \times 69.44 \\ \hline \end{array}$$

$$7. \begin{array}{r} 21.36 \\ \times 83.65 \\ \hline \end{array}$$

Over for Answers

$$11. \begin{array}{r} 49.69 \\ \times 44.44 \\ \hline \end{array}$$

$$3. \begin{array}{r} 10.39 \\ \times 24.75 \\ \hline \end{array}$$

$$8. \begin{array}{r} 29.48 \\ \times 49.82 \\ \hline \end{array}$$

$$12. \begin{array}{r} 52.55 \\ \times 73.93 \\ \hline \end{array}$$

$$4. \begin{array}{r} 65.25 \\ \times 19.76 \\ \hline \end{array}$$

$$9. \begin{array}{r} 74.86 \\ \times 40.89 \\ \hline \end{array}$$

$$13. \begin{array}{r} 64.73 \\ \times 93.17 \\ \hline \end{array}$$

$$5. \begin{array}{r} 50.33 \\ \times 40.71 \\ \hline \end{array}$$

$$14. \begin{array}{r} 94.35 \\ \times 20.59 \\ \hline \end{array}$$

$$15. \quad \begin{array}{r} 78.18 \\ \times 75.27 \\ \hline \end{array}$$

1. 432.4993

2. 6823.1744

3. 257.1525

4. 1289.34

5. 2048.9343

6. 1994.727

7. 21789.764

8. 1468.6936

9. 3061.0254

10. 4890.5945

11. 2208.2236

12. 3885.0215

13. 6030.8941

14. 1942.6665

15. 5884.6086