

Multiplying Decimals

Grade 5 | 18 problems | About 20 minutes

Name: _____ Date: _____ Score ____ / 18

Part A: Decimal × whole number Multiply as if there were no decimal point, then place it.

1.
$$\begin{array}{r} 1.47 \\ \times 3 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 11.8 \\ \times 2 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 35.8 \\ \times 2 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 30.6 \\ \times 3 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 16.2 \\ \times 8 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 4.7 \\ \times 2 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 30.89 \\ \times 9 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 9.9 \\ \times 3 \\ \hline \end{array}$$

Part B: Decimal × decimal Count the decimal places in both numbers to place the point.

9. $1.1 \times 4.7 =$ _____

10. $9.4 \times 0.5 =$ _____

11. $9.2 \times 4.6 =$ _____

12. $5.7 \times 0.4 =$ _____

13. $2.8 \times 2.1 =$ _____

14. $3.1 \times 2.2 =$ _____

15. $5.8 \times 3.5 =$ _____

16. $2.7 \times 4.9 =$ _____

17. $7.7 \times 3.6 =$ _____

18. $6.4 \times 3.9 =$ _____

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Part A: Decimal × whole number Multiply as if there were no decimal point, then place it.

$$\begin{array}{r} 1. \quad 1.47 \\ \times \quad 3 \\ \hline 4.41 \end{array}$$

$$\begin{array}{r} 2. \quad 11.8 \\ \times \quad 2 \\ \hline 23.6 \end{array}$$

$$\begin{array}{r} 3. \quad 35.8 \\ \times \quad 2 \\ \hline 71.6 \end{array}$$

$$\begin{array}{r} 4. \quad 30.6 \\ \times \quad 3 \\ \hline 91.8 \end{array}$$

$$\begin{array}{r} 5. \quad 16.2 \\ \times \quad 8 \\ \hline 129.6 \end{array}$$

$$\begin{array}{r} 6. \quad 4.7 \\ \times \quad 2 \\ \hline 9.4 \end{array}$$

$$\begin{array}{r} 7. \quad 30.89 \\ \times \quad 9 \\ \hline 278.01 \end{array}$$

$$\begin{array}{r} 8. \quad 9.9 \\ \times \quad 3 \\ \hline 29.7 \end{array}$$

Part B: Decimal × decimal Count the decimal places in both numbers to place the point.

$$9. \quad 1.1 \times 4.7 = \underline{5.17}$$

$$10. \quad 9.4 \times 0.5 = \underline{4.7}$$

$$11. \quad 9.2 \times 4.6 = \underline{42.32}$$

$$12. \quad 5.7 \times 0.4 = \underline{2.28}$$

$$13. \quad 2.8 \times 2.1 = \underline{5.88}$$

$$14. \quad 3.1 \times 2.2 = \underline{6.82}$$

$$15. \quad 5.8 \times 3.5 = \underline{20.3}$$

$$16. \quad 2.7 \times 4.9 = \underline{13.23}$$

$$17. \quad 7.7 \times 3.6 = \underline{27.72}$$

$$18. \quad 6.4 \times 3.9 = \underline{24.96}$$