

Name: Class:

Multiply a decimal by one - digit whole number

When multiplying decimals, firstly count the number of decimal places. Secondly, ignore the decimal point and perform the multiplication normally. Finally, the number of decimal places in the answer will equal to the number of decimal places counted in the factors.

Multiply the following decimal numbers.

$$\begin{array}{r} 1.27 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2.27 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9.27 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8.15 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4.12 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4.35 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4.07 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7.07 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7.27 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8.2 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5.2 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4.2 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 0.99 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6.99 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 0.99 \\ \times \quad 3 \\ \hline \end{array}$$

Name: Class:

Multiply a decimal by one - digit whole number

When multiplying decimals, firstly count the number of decimal places. Secondly, ignore the decimal point and perform the multiplication normally. Finally, the number of decimal places in the answer will equal to the number of decimal places counted in the factors.

Multiply the following decimal numbers.

$$\begin{array}{r} 1.27 \\ \times \quad 5 \\ \hline 635 \end{array}$$

Here we have 2 decimal places, so our answer will have 2 d.p.

$$635 = 6.35$$

So, $1.27 \times 5 = 6.35$

$$\begin{array}{r} 8.15 \\ \times \quad 7 \\ \hline 5705 \end{array}$$

Here we have 2 decimal places, so our answer will have 2 d.p.

$$5705 = 57.05$$

So, $8.15 \times 7 = 57.05$

$$\begin{array}{r} 4.07 \\ \times \quad 2 \\ \hline 814 \end{array}$$

Here we have 2 decimal places, so our answer will have 2 d.p.

$$814 = 8.14$$

So, $4.07 \times 2 = 8.14$

$$\begin{array}{r} 8.2 \\ \times \quad 9 \\ \hline 738 \end{array}$$

Here we have 1 decimal place, so our answer will have 1 d.p.

$$738 = 73.8$$

So, $8.2 \times 9 = 73.8$

$$\begin{array}{r} 0.99 \\ \times \quad 6 \\ \hline 594 \end{array}$$

Here we have 2 decimal places, so our answer will have 2 d.p.

$$594 = 5.94$$

So, $0.99 \times 6 = 5.94$