

Name: Class:



Estimate products of decimal numbers

Estimate the product. Round each decimal number below to the nearest whole number, then multiply.

$$\begin{array}{r} 74.625 \longrightarrow \\ \times 7.338 \longrightarrow \\ \hline \end{array}$$

x

The product **74.625** x **7.338** to the nearest whole number is **608**.

$$\begin{array}{r} 1.459 \longrightarrow \\ \times 8.7 \longrightarrow \\ \hline \end{array}$$

x

The product **1.459** x **8.7** to the nearest whole number is

$$\begin{array}{r} 5.75 \longrightarrow \\ \times 2.89 \longrightarrow \\ \hline \end{array}$$

The product **5.75** x **2.89** to the nearest whole number is

$$\begin{array}{r} 44.77 \longrightarrow \\ \times 90.001 \longrightarrow \\ \hline \end{array}$$

The product **44.77** x **90.001** to the nearest whole number is

$$\begin{array}{r} 99.671 \\ \times 79.75 \\ \hline \end{array}$$

$$\begin{array}{r} 16.99 \\ \times 94.491 \\ \hline \end{array}$$

$$\begin{array}{r} 457.219 \\ \times 9.769 \\ \hline \end{array}$$

$$\begin{array}{r} 937.864 \\ \times 19.51 \\ \hline \end{array}$$

Name: Class:



Estimate products of decimal numbers

Estimate the product. Round each decimal number below to the nearest whole number, then multiply.

$$\begin{array}{r} 74.625 \longrightarrow 75 \\ \times 7.338 \longrightarrow 7 \\ \hline \end{array}$$

525

The product 74.625×7.338 to the nearest whole number is **608**.

$$\begin{array}{r} 1.459 \longrightarrow 1 \\ \times 8.7 \longrightarrow 9 \\ \hline \end{array}$$

9

The product 1.459×8.7 to the nearest whole number is **9**.

$$\begin{array}{r} 5.75 \longrightarrow 6 \\ \times 2.89 \longrightarrow 3 \\ \hline \end{array}$$

18

The product 5.75×2.89 to the nearest whole number is **18**.

$$\begin{array}{r} 44.77 \longrightarrow 45 \\ \times 90.001 \longrightarrow 90 \\ \hline \end{array}$$

4,050

The product 44.77×90.001 to the nearest whole number is **4,050**.

$$\begin{array}{r} 99.671 \longrightarrow 100 \\ \times 79.75 \longrightarrow 80 \\ \hline 000 \\ + 8,000 \\ \hline \end{array}$$

8,000

The product 99.671×79.75 to the nearest whole number is **8,000**.

$$\begin{array}{r} 16.99 \longrightarrow 17 \\ \times 94.491 \longrightarrow 94 \\ \hline 68 \\ + 1,530 \\ \hline \end{array}$$

1,598

The product 16.99×94.491 to the nearest whole number is **1,598**.

$$\begin{array}{r} 457.219 \longrightarrow 457 \\ \times 9.769 \longrightarrow 10 \\ \hline \end{array}$$

4,570

The product 457.219×9.769 to the nearest whole number is **18**.

$$\begin{array}{r} 937.864 \longrightarrow 938 \\ \times 19.51 \longrightarrow 20 \\ \hline \end{array}$$

18,760

The product 937.864×19.51 to the nearest whole number is **18,760**.