

Name:

Class:

Estimate products of decimal numbers

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

$$\begin{array}{r} 75.625 \\ \times 8.338 \\ \hline \end{array} \quad \begin{array}{c} \longrightarrow \\ \longrightarrow \end{array} \quad \begin{array}{r} 76 \\ \times 8 \\ \hline \end{array}$$

608

The product 75.625×8.7 to the nearest whole number is **608**.

$$\begin{array}{r} 0.559 \\ \times 8.7 \\ \hline \end{array} \quad \begin{array}{c} \longrightarrow \\ \longrightarrow \end{array} \quad \begin{array}{r} \\ \times \\ \hline \end{array}$$

The product 0.557×8.7 to the nearest whole number is

$$\begin{array}{r} 5.60 \\ \times 2.59 \\ \hline \end{array}$$

The product 5.60×2.59 to the nearest whole number is

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

$$\begin{array}{r} 99.901 \\ \times 79.75 \\ \hline \end{array}$$

$$\begin{array}{r} 16.60 \\ \times 94.001 \\ \hline \end{array}$$

$$\begin{array}{r} 457.359 \\ \times 9.901 \\ \hline \end{array}$$

$$\begin{array}{r} 937.604 \\ \times 19.54 \\ \hline \end{array}$$

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$$\begin{array}{r} 75.625 \\ \times 8.338 \\ \hline \end{array} \quad \begin{array}{l} \longrightarrow 76 \\ \longrightarrow 8 \end{array} \quad \begin{array}{r} 76 \\ \times 8 \\ \hline 608 \end{array}$$

The product 75.625×8.7 to the nearest whole number is **608**.

$$\begin{array}{r} 0.559 \\ \times 8.7 \\ \hline \end{array} \quad \begin{array}{l} \longrightarrow 1 \\ \longrightarrow 9 \end{array} \quad \begin{array}{r} 1 \\ \times 9 \\ \hline 9 \end{array}$$

The product 0.557×8.7 to the nearest whole number is **9**.

$$\begin{array}{r} 5.60 \\ \times 2.59 \\ \hline \end{array} \quad \begin{array}{l} \longrightarrow 6 \\ \longrightarrow 3 \end{array} \quad \begin{array}{r} 6 \\ \times 3 \\ \hline 18 \end{array}$$

The product 5.60×2.59 to the nearest whole number is **18**.

$$\begin{array}{r} 44.77 \\ \times 90.001 \\ \hline \end{array} \quad \begin{array}{l} \longrightarrow 45 \\ \longrightarrow 90 \end{array} \quad \begin{array}{r} 45 \\ \times 90 \\ \hline 4,050 \end{array}$$

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

$$\begin{array}{r} 99.901 \\ \times 79.75 \\ \hline \end{array} \quad \begin{array}{l} \longrightarrow 100 \\ \longrightarrow 80 \end{array} \quad \begin{array}{r} 100 \\ \times 80 \\ \hline 8,000 \end{array}$$

The product 99.901×79.75 to the nearest whole number is **8,000**.

$$\begin{array}{r} 16.60 \\ \times 94.001 \\ \hline \end{array} \quad \begin{array}{l} \longrightarrow 17 \\ \longrightarrow 94 \end{array} \quad \begin{array}{r} 17 \\ \times 94 \\ \hline 1,598 \end{array}$$

The product 16.60×94.001 to the nearest whole number is **1,598**.

$$\begin{array}{r} 457.359 \\ \times 9.901 \\ \hline \end{array} \quad \begin{array}{l} \longrightarrow 457 \\ \longrightarrow 10 \end{array} \quad \begin{array}{r} 457 \\ \times 10 \\ \hline 4,570 \end{array}$$

The product 457.359×9.901 to the nearest whole number is **18**.

$$\begin{array}{r} 937.604 \\ \times 19.54 \\ \hline \end{array} \quad \begin{array}{l} \longrightarrow 938 \\ \longrightarrow 20 \end{array} \quad \begin{array}{r} 938 \\ \times 20 \\ \hline 18,760 \end{array}$$

The product 937.604×19.54 to the nearest whole number is **18,760**.