

Name: Class:

Estimate products of decimal numbers

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

$$\begin{array}{r} 75.625 \longrightarrow \\ \times 8.338 \longrightarrow \\ \hline \end{array}$$

 The product 75.625×8.7 to the nearest whole number is

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

 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

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

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

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

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

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

Name: Class:

Estimate products of decimal numbers

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

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

608

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

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

9

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

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

18

The product 5.60×2.59 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**.

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

8,000

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

$$\begin{array}{r} 16.60 \longrightarrow 17 \\ \times 94.001 \longrightarrow 94 \\ \hline 68 \\ + 1,530 \\ \hline \end{array}$$

1,598

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

$$\begin{array}{r} 457.359 \longrightarrow 457 \\ \times 9.901 \longrightarrow 10 \\ \hline \end{array}$$

4,570

The product 457.359×9.901 to the nearest whole number is **4,570**.

$$\begin{array}{r} 937.604 \longrightarrow 938 \\ \times 19.54 \longrightarrow 20 \\ \hline \end{array}$$

18,760

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