

Adding and Subtracting Decimals

NS 1.0 Solve problems involving addition and subtraction of decimals.

Example 2

$$5.74 + 3.3$$

Line up the decimal points.

$$\begin{array}{r} 5.74 \\ + 3.3 \\ \hline \end{array}$$

Add the columns.

$$\begin{array}{r} 5.74 \\ + 3.3 \\ \hline 9.04 \end{array}$$

To add decimals

- Line up the decimal points and add the columns from right to left.
- Place a decimal point in the answer directly below the other decimal points.

To subtract decimals

- Line up the decimal points.
- Subtract the columns from right to left, regrouping if necessary.
- Place a decimal point in the answer directly below the other decimal points.

Example 1

$$0.64 + 0.39$$

Line up the decimal points.

$$\begin{array}{r} 0.64 \\ + 0.39 \\ \hline \end{array}$$

Add the columns.

$$\begin{array}{r} 0.64 \\ + 0.39 \\ \hline 1.03 \end{array}$$

Example 1

$$0.86 - 0.49$$

Line up the decimal points

$$\begin{array}{r} 0.86 \\ - 0.49 \\ \hline \end{array}$$

Regroup the tenths. Subtract the columns.

$$\begin{array}{r} \overset{7}{\cancel{0}}\overset{16}{6} \\ 0.86 \\ - 0.49 \\ \hline 0.37 \end{array}$$

