



# Unit 2: Decimals and Fractions

## 3-3 Problem Solving: Sums and Differences of Decimals

**OBJECTIVES:** Find sums, differences, products and quotients of decimal numbers.  
Solve equations involving decimal numbers

**CLASS NOTES:**

ADDING AND SUBTRACTING DECIMALS  $4.2 + 3.76$

1. Write the numbers with their decimal points lined up 
$$\begin{array}{r} 4.2 \\ + 3.76 \\ \hline \end{array}$$

2. Annex zeros as needed 
$$\begin{array}{r} 4.20 \\ + 3.76 \\ \hline \end{array}$$

3. Add or subtract the digits 
$$\begin{array}{r} 4.20 \\ + 3.76 \\ \hline 7.96 \end{array}$$

4. Place the decimal point in the answer 
$$\begin{array}{r} 4.20 \\ + 3.76 \\ \hline 7.96 \end{array}$$

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