



Lesson: Adding/Subtracting Decimals

Most Essential Learning Competency:

- 1) adds and subtracts decimal numbers through thousandths without and with regrouping.
- 2) solves routine or non-routine problems involving addition and subtraction of decimal numbers including money using appropriate problem solving strategies and tools.

Solve the following:

1) $45.678 + 34.5432 =$

Step 1: Line up the decimals.

$$\begin{array}{r} \text{---} \cdot \text{---} \text{---} \\ + \text{---} \cdot \text{---} \text{---} \end{array}$$

Step 2 : "Pad" with zeros:

$$+ \frac{\quad}{\quad} \cdot \frac{\quad}{\quad}$$

Step 3 : Add:

[illegible]

2) $45.678 - 34.5432 =$

Step 1: Line up the decimals.

$$\begin{array}{r} \text{---} \cdot \text{---} \\ + \text{---} \cdot \text{---} \\ \hline \end{array}$$

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Step 2 : "Pad" with zeros:

$$\begin{array}{r} \text{---} \cdot \text{---} \text{---} \text{---} \\ + \quad \text{---} \cdot \text{---} \text{---} \text{---} \\ \hline \end{array}$$

Step 3 : Subtract:

$$\begin{array}{r} _ _ \cdot _ _ _ \\ + _ _ \cdot _ _ _ \\ \hline _ _ \cdot _ _ _ \end{array}$$

3) $456.078 + 34.5432 =$

4) $4.5678 - 0.3454 =$

5) $0.567 - 0.2098 =$

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