

## Add and Subtract Decimals

To add or subtract decimals, line up the decimal points in the problems. Finding an estimate first will help you determine if your answer is reasonable.

<p>First estimate.</p> $\begin{array}{r} 19.846 \text{ } \textcircled{R} \quad 20 \\ - 6.684 \text{ } \textcircled{R} \quad - 7 \\ \hline \phantom{19.846} \phantom{- 6.684} \phantom{\text{ } \textcircled{R}} \phantom{- 7} \\ \phantom{19.846} \phantom{- 6.684} \phantom{\text{ } \textcircled{R}} \phantom{- 7} \\ \hline \phantom{19.846} \phantom{- 6.684} \phantom{\text{ } \textcircled{R}} \phantom{- 7} \phantom{13} \end{array}$ <p>The answer should be close to 13.</p>	<p>Then, subtract to find the exact answer.</p> $\begin{array}{r} 19.846 \\ - 6.684 \\ \hline 13.162 \end{array}$ <p>13.162 is close to the estimate, so the answer is reasonable.</p>
---	--

### Examples:

A- Find the sum or difference.

1)  $6 + 0.02$

$$\begin{array}{r} 6 \\ + 0.02 \\ \hline 6.02 \end{array}$$

2)  $78.1 + 23.34$

$$\begin{array}{r} 78.1 \\ + 23.34 \\ \hline 101.44 \end{array}$$

3)  $34.45 - 12.54$

$$\begin{array}{r} 34.45 \\ - 12.54 \\ \hline 21.91 \end{array}$$

### My Real Life

Hala has 106.87 dirhams. She pays 56.75 Dirhams for a book that she bought from the bookshop. How much money does she still have?



$$106.87 - 56.75 = ?$$

$$\begin{array}{r} 106.87 \\ - 56.75 \\ \hline \end{array}$$

50.12 → Hala is left with 50.12 Dirhams.