

Add Decimals

Add. $4.17 + 9.8$

Step 1 Estimate the sum.

$$\begin{array}{r} 4.17 + 9.8 \\ \downarrow \quad \downarrow \\ \text{Estimate: } 4 + 10 = 14 \end{array}$$

Step 2 Line up the place values for each number in a place-value chart. Then add.

	Ones	Tenths	Hundredths	
	4	• 1	7	
+	9	• 8		
	13	• 9	7	← sum

Step 3 Use your estimate to determine if your answer is reasonable.

Think: 13.97 is close to the estimate, 14. The answer is reasonable.

So, $4.17 + 9.8 = \underline{13.97}$.

Estimate. Then find the sum.

1 Estimate: _____

$$\begin{array}{r} 1.20 \\ + 0.34 \\ \hline \end{array}$$

2 Estimate: _____

$$\begin{array}{r} 1.52 \\ + 1.21 \\ \hline \end{array}$$

3 Estimate: _____

$$\begin{array}{r} 12.25 \\ + 11.25 \\ \hline \end{array}$$

4 Estimate: _____

$$\begin{array}{r} 10.75 \\ + 1.11 \\ \hline \end{array}$$

5 Estimate: _____

$$\begin{array}{r} 22.65 \\ + 18.01 \\ \hline \end{array}$$

6 Estimate: _____

$$\begin{array}{r} 34.41 \\ + 15.37 \\ \hline \end{array}$$