Add Decimals

Find $3.8 + 0.95$.

**Step 1:** Use the decimal points to line up the addends. Add zeros as needed.

\[
\begin{array}{c}
3.80 \\
+0.95 \\
\end{array}
\]

**Step 2:** Add the hundredths.

\[
\begin{array}{c}
3.80 \\
+0.95 \\
\hline
1.75 \\
\end{array}
\]

**Step 3:** Add the tenths.

\[
\begin{array}{c}
1 \\
3.80 \\
+0.95 \\
\hline
4.75 \\
\end{array}
\]

**Step 4:** Add the ones. Align the decimal point in the sum with the decimal point in the addends.

\[
\begin{array}{c}
1 \\
3.80 \\
+0.95 \\
\hline
4.75 \\
\end{array}
\]

Add. Use a calculator to check.

1. $\$12.42$
2. $9.1$
3. $7.11$
   
   \[
   \begin{array}{c}
   12.42 \\
   +\ 9.79 \\
   \ \ \\
   \end{array}
   \]

   \[
   \begin{array}{c}
   9.1 \\
   +\ 5.88 \\
   \ \ \\
   \end{array}
   \]

   \[
   \begin{array}{c}
   7.11 \\
   +\ 6.93 \\
   \ \ \\
   \end{array}
   \]

4. $6.13$
5. $1.08$
6. $6.2$
   
   \[
   \begin{array}{c}
   6.13 \\
   +\ 45.2 \\
   \ \ \\
   \end{array}
   \]

   \[
   \begin{array}{c}
   1.08 \\
   +\ 36.94 \\
   \ \ \\
   \end{array}
   \]

   \[
   \begin{array}{c}
   6.2 \\
   +\ 74.75 \\
   \ \ \\
   \end{array}
   \]

7. $12.3 + 4.07$
8. $26.4 + 0.005$
9. $1.004 + 32.7$
   
   \[
   \begin{array}{c}
   12.3 \\
   +\ 4.07 \\
   \ \ \\
   \end{array}
   \]

   \[
   \begin{array}{c}
   26.4 \\
   +\ 0.005 \\
   \ \ \\
   \end{array}
   \]

   \[
   \begin{array}{c}
   1.004 \\
   +\ 32.7 \\
   \ \ \\
   \end{array}
   \]

10. $8.1 + 54.06 + 0.002$
11. $5.72 + 0.108 + 93.25$
12. $8.004 + 0.9 + 12.3$
   
   \[
   \begin{array}{c}
   8.1 \\
   +\ 54.06 \\
   +\ 0.002 \\
   \ \ \\
   \end{array}
   \]

   \[
   \begin{array}{c}
   5.72 \\
   +\ 0.108 \\
   +\ 93.25 \\
   \ \ \\
   \end{array}
   \]

   \[
   \begin{array}{c}
   8.004 \\
   +\ 0.9 \\
   +\ 12.3 \\
   \ \ \\
   \end{array}
   \]

**Problem Solving**

13. Maxine has 4.5 m of wire. She uses 1.75 m for each floral wreath she makes. Does Maxine have enough wire to make three wreaths? Explain your answer.

   \[
   \begin{array}{c}
   4.5 \\
   -\ 1.75 \\
   -\ 1.75 \\
   -\ 1.75 \\
   \ \ \\
   \end{array}
   \]

   Yes, she has enough wire to make three wreaths.