1. Solve, and then write the sum in standard form. Use a place value chart if necessary.
   a. \[ \text{1 tenth + 2 tenths} = \boxed{3} \text{ tenths} = \boxed{0.3} \]
   b. \[ \text{14 tenths + 9 tenths} = \boxed{23} \text{ tenths} = \boxed{2} \text{ one(s) 3 tenth(s)} = \boxed{2.3} \]
   c. \[ \text{1 hundredth + 2 hundredths} = \boxed{3} \text{ hundredths} = \boxed{0.03} \]
   d. \[ \text{27 hundredths + 5 hundredths} = \boxed{32} \text{ hundredths} = \boxed{3} \text{ tenths 2 hundredths} = \boxed{0.32} \]
   e. \[ \text{1 thousandth + 2 thousandths} = \boxed{3} \text{ thousandths} = \boxed{0.003} \]
   f. \[ \text{35 thousandths + 8 thousandths} = \boxed{43} \text{ thousandths} = \boxed{4} \text{ hundredths 3 thousandths} = \boxed{0.043} \]
   g. \[ \text{6 tenths + 3 thousandths} = \boxed{0.03} \text{ thousandths} = \boxed{0.006} \]
   h. \[ \text{7 ones 2 tenths + 4 tenths} = \boxed{7} \text{ tenths} = \boxed{7.0} \]
   i. \[ \text{2 thousandths + 9 ones 5 thousandths} = \boxed{9,007} \text{ thousandths} = \boxed{9.007} \]

2. Solve using the standard algorithm.

\[
\begin{array}{c}
\text{a. } 0.3 + 0.82 = \boxed{1.12} \\
\hline
0.30 \\
+ 0.82 \\
\hline
1.12
\end{array}
\quad
\begin{array}{c}
\text{b. } 1.03 + 0.08 = \boxed{1.11} \\
\hline
1.03 \\
+ 0.08 \\
\hline
1.11
\end{array}
\quad
\begin{array}{c}
\text{c. } 7.3 + 2.8 = \boxed{10.1} \\
\hline
7.3 \\
+ 2.8 \\
\hline
10.1
\end{array}
\quad
\begin{array}{c}
\text{d. } 57.03 + 2.08 = \boxed{59.11} \\
\hline
57.03 \\
+ 2.08 \\
\hline
59.11
\end{array}
\]

3. Van Cortlandt Park’s walking trail is 1.02 km longer than Marine Park. Central Park’s walking trail is 0.242 km longer than Van Cortlandt’s.

a. Fill in the missing information in the chart below.

<table>
<thead>
<tr>
<th>New York City Walking Trails</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central Park</td>
</tr>
<tr>
<td>Marine Park</td>
</tr>
<tr>
<td>Van Cortlandt Park</td>
</tr>
</tbody>
</table>

b. If a tourist walked all 3 trails in a day, how many kilometers would he or she have walked?

They would have walked 6.122 km total.

4. Meyer has 0.64 GB of space remaining on his iPod. He wants to download a pedometer app (0.24 GB), a photo app (0.403 GB), and a math app (0.3 GB). Which combinations of apps can he download? Explain your thinking.

He can download the pedometer app and math app. Any other combination takes too much space.