1. Solve.
   a. \(3 \text{ tenths} + 4 \text{ tenths} = \frac{7}{10} \text{ tenths}\)
   b. \(12 \text{ tenths} + 9 \text{ tenths} = \frac{21}{10} \text{ tenths} = \frac{2}{10} \text{ one(s)} \frac{1}{10} \text{ tenth(s)}\)
   c. \(3 \text{ hundredths} + 4 \text{ hundredths} = \frac{7}{100} \text{ hundredths}\)
   d. \(27 \text{ hundredths} + 7 \text{ hundredths} = \frac{34}{100} \text{ hundredths} = \frac{3}{10} \text{ tenths} \frac{4}{100} \text{ hundredths}\)
   e. \(4 \text{ thousandth} + 3 \text{ thousandths} = \frac{7}{1000} \text{ thousandths}\)
   f. \(39 \text{ thousandths} + 5 \text{ thousandths} = \frac{44}{1000} \text{ thousandths} = \frac{4}{100} \text{ hundredths} \frac{4}{1000} \text{ thousandths}\)
   g. \(5 \text{ tenths} + 7 \text{ thousandths} = \frac{507}{1000} \text{ thousandths} . \ 5.07\)
   h. \(4 \text{ ones} 4 \text{ tenths} + 4 \text{ tenths} = \frac{48}{10} \text{ tenths} = 4.8\)
   i. \(8 \text{ thousandths} + 6 \text{ ones} 8 \text{ thousandths} = \frac{60116}{10000} \text{ thousandths} = 6.0116\)

2. Solve using the standard algorithm.
   a. \(0.4 + 0.7 = \frac{1.1}{1.1}\)
   b. \(2.04 + 0.07 = \frac{2.11}{2.11}\)
   c. \(6.4 + 3.7 = \frac{10.1}{10.1}\)
   d. \(56.04 + 3.07 = \frac{59.11}{59.11}\)
3. Walkway Over the Hudson, a bridge that crosses the Hudson River in Poughkeepsie, is 2.063 kilometers. Anping Bridge, which was built in China 850 years ago, is 2.07 kilometers long.

a. Which bridge is longer? How much longer? Show your thinking.

Walkway Over the Hudson
2.063
<
2.07

Walkway Anping
2.063
extra 0.007

I had to add 0.007 km more to Walkway, so Anping is 0.007 km longer.

b. Leah likes to walk her dog on the Walkway Over the Hudson. If she walks across and back, how far do she and her dog walk?

I have to add the two trips.

The whole trip is 4.126 km.

4. For his parents’ anniversary, Danny spends $5.87 on a photo. He also buys 3 balloons for $2.49 each and a box of strawberries for $4.50. How much money does he spend all together?

\[
\begin{align*}
\text{Photo} & : \$5.87 \\
3 \text{ balloons} & : 3 \times \$2.49 = \$7.47 \\
\text{Strawberries} & : \$4.50 \\
\text{Total} & : \$5.87 + \$7.47 + \$4.50 = \$17.84
\end{align*}
\]

Danny spent $17.84.