

Name _____

Date _____

1. Solve.

a. 3 tenths + 4 tenths = 7 tenths

b. 12 tenths + 9 tenths = 21 tenths = 2 one(s) 1 tenth(s)

c. 3 hundredths + 4 hundredths = 7 hundredths

d. 27 hundredths + 7 hundredths = 34 hundredths = 3 tenths 4 hundredths

e. 4 thousandths + 3 thousandths = 7 thousandths

f. 39 thousandths + 5 thousandths = 44 thousandths = 4 hundredths 4 thousandths

g. 5 tenths + 7 thousandths = 507 thousandths

h. 4 ones 4 tenths + 4 tenths = 48 tenths

i. 8 thousandths + 6 ones 8 thousandths = 6016 thousandths

2. Solve using the standard algorithm.

<p>a. $0.4 + 0.7 = \underline{1.1}$</p> $\begin{array}{r} 0.4 \\ + 0.7 \\ \hline 1.1 \end{array}$	<p>b. $2.04 + 0.07 = \underline{2.11}$</p> $\begin{array}{r} 2.04 \\ + 0.07 \\ \hline 2.11 \end{array}$
<p>c. $6.4 + 3.7 = \underline{10.1}$</p> $\begin{array}{r} 6.4 \\ + 3.7 \\ \hline 10.1 \end{array}$	<p>d. $56.04 + 3.07 = \underline{59.11}$</p> $\begin{array}{r} 56.04 \\ + 3.07 \\ \hline 59.11 \end{array}$

<p>e. $72.564 + 5.137 =$ <u>77.701</u></p> $\begin{array}{r} 72.564 \\ + 5.137 \\ \hline 77.701 \end{array}$	<p>f. $75.604 + 22.296 =$ <u>97.9</u></p> $\begin{array}{r} 75.604 \\ + 22.296 \\ \hline 97.900 \end{array}$
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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.

Anping is longer.

$$\begin{array}{r} 2.063 \\ 2.070 \\ \hline \end{array} \quad +0.007$$

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?

$$\begin{array}{r} 2.063 \\ + 2.063 \\ \hline 4.126 \text{ km} \end{array}$$

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?

$$\begin{array}{r} 2.49 \\ 2.49 \\ + 2.49 \\ \hline 7.47 \end{array} \quad \begin{array}{r} 5.87 \\ 7.47 \\ + 4.50 \\ \hline \$17.84 \end{array}$$