

Mathematics

The 4 Operations of Decimals

Wednesday

Adding tenths or hundredths without regrouping

Let's Learn

a) There is less than 1 liter of water in each container.

Math
Lab

Picture
It

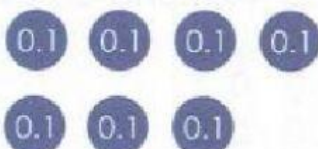


1
3
+

$$0.7 + 0.2 = 0.9$$

There is a total of 0.9 liter of water in the containers.

b) Add 0.4 and 0.3.



$$0.4 + 0.3 = \square$$

4 tenths + 3 tenths
= 7 tenths



c) Add 0.04 and 0.03.



$$0.04 + 0.03 = \square$$

4 hundredths + 3 hundredths
= 7 hundredths



Let's Do

1. Add.

a) $0.6 + 0.2 = \underline{\hspace{2cm}}$

b) $0.02 + 0.04 = \underline{\hspace{2cm}}$

Let's Do

1. Add.

$$\begin{array}{r} \text{a)} \quad 0.8 \\ + 0.5 \\ \hline \square.\square \\ \hline \end{array}$$

$$\begin{array}{r} \text{b)} \quad 0.3 \\ + 0.9 \\ \hline \square.\square \\ \hline \end{array}$$

$$\begin{array}{r} \text{c)} \quad 0.07 \\ + 0.03 \\ \hline \square.\square\square \\ \hline \end{array}$$

$$\begin{array}{r} \text{d)} \quad 0.08 \\ + 0.09 \\ \hline \square.\square\square \\ \hline \end{array}$$

Adding decimals with 1 decimal place with regrouping using number bonds

Let's Learn

Add 6.9 and 0.4.

$$\begin{array}{l} 1.4 \\ 3+ \end{array} \quad 6.9 + 0.4 = 6 + 1.3 \\ = \square$$

$$\begin{array}{l} 6.9 + 0.4 \\ \swarrow \quad \searrow \\ 6 \quad 0.9 \\ 0.9 + 0.4 = 1.3 \end{array}$$



Let's Do

1. Add.

$$\begin{array}{l} \text{a)} \quad 2.8 + 0.7 = 2 + \underline{\quad\quad} \\ \quad \quad \begin{array}{l} 2 \quad \diagdown \\ \quad \quad \square \end{array} = \underline{\quad\quad} \end{array}$$

$$\begin{array}{l} \text{b)} \quad 3.4 + 0.6 = 3 + \underline{\quad\quad} \\ \quad \quad \begin{array}{l} 3 \quad \diagdown \\ \quad \quad \square \end{array} = \underline{\quad\quad} \end{array}$$

Let's Do

1. Add.

$$\begin{array}{r} \text{a)} \quad 3.7 \\ + 2.3 \\ \hline \square.\square \\ \hline \end{array}$$

$$\begin{array}{r} \text{b)} \quad 8.4 \\ + 1.7 \\ \hline \square\square.\square \\ \hline \end{array}$$

$$\begin{array}{r} \text{c)} \quad 4.9 \\ + 1.8 \\ \hline \square.\square \\ \hline \end{array}$$

Practice 1 **Do on a page**

1. Add.

a) $0.5 + 0.4$

b) $0.8 + 0.9$

c) $3.2 + 0.9$

d) $0.02 + 0.08$

e) $0.07 + 0.04$

f) $0.76 + 0.5$

g) $4.7 + 3.6$

h) $0.58 + 0.24$

i) $0.82 + 1.2$

j) $40.29 + 8.45$

k) $18.06 + 1.37$

l) $26.29 + 13.73$

2. Estimate and then add.

a) $1.85 + 5.7$

b) $3.64 + 2.7$

c) $3.2 + 3.98$

d) $2.43 + 1.27$

e) $8.92 + 4.16$

f) $2.56 + 6.29$

g) $1.08 + 6.5$

h) $16.39 + 3.65$

Solve the word problems. Show your work clearly.

3. Mrs. Chen spent \$5.75 on vegetables. She spent \$7.50 more on meat than on vegetables. How much did she spend on meat?

4. After spending \$3.60, Gopal had \$16.80 left. How much money did he have at first?

5. Sam mixed 2.29 liters of orange juice and 1.76 liters of celery juice. What was the volume of the mixture?

