


# Worksheet 11

## Adding and Subtracting Decimals

1  adds like this.

$$\begin{array}{r} \overset{1}{1} . \overset{1}{7} 9 \\ + 1 . 5 8 \\ \hline 3 . 3 7 \\ \hline \end{array}$$

Use 's method.

(a) 2.5 and 1.6

$$\begin{array}{r} \overset{1}{2} . 5 \\ + 1 . 6 \\ \hline \overset{1}{4} . \overset{1}{1} \\ \hline \end{array}$$

(b) 3.69 and 1.22

$$\begin{array}{r} \overset{1}{3} . \overset{1}{6} 9 \\ + 1 . 2 2 \\ \hline \overset{1}{4} . \overset{1}{9} \overset{1}{1} \\ \hline \end{array}$$

(c) 1.83 and 1.47

$$\begin{array}{r} \overset{1}{1} . \overset{1}{8} 3 \\ + 1 . 4 7 \\ \hline \overset{1}{3} . \overset{1}{3} \overset{1}{0} \\ \hline \end{array}$$

(d) 2.35 and 9.78


$$\begin{array}{r} \overset{1}{2} . \overset{1}{3} 5 \\ + 9 . 7 8 \\ \hline \overset{1}{1} \overset{1}{2} . \overset{1}{1} \overset{1}{3} \\ \hline \end{array}$$

2



subtracts like this.

$$\begin{array}{r}
 \overset{1}{\cancel{2}} . \overset{12}{\cancel{2}} 9 \\
 - 1 . 4 3 \\
 \hline
 0 . 8 6
 \end{array}$$

Use  's method.

(a) 2.54 and 1.06

$$\begin{array}{r}
 \overset{4}{2} . \overset{14}{\cancel{5} \cancel{4}} \\
 - 1 . 0 6 \\
 \hline
 \underline{\underline{1 . 4 8}}
 \end{array}$$

(b) 3.16 and 0.47

$$\begin{array}{r}
 \overset{2}{\cancel{3}} . \overset{10}{\cancel{1}} \overset{16}{\cancel{6}} \\
 - 0 . 4 7 \\
 \hline
 \underline{\underline{2 . 6 9}}
 \end{array}$$

(c) 1.35 and 0.8

$$\begin{array}{r}
 \overset{0}{\cancel{1}} . \overset{13}{\cancel{3}} 5 \\
 - 0 . 8 0 \\
 \hline
 \underline{\underline{0 . 5 5}}
 \end{array}$$

(d) 5 and 1.87

$$\begin{array}{r}
 \overset{4}{\cancel{5}} . \overset{9}{\cancel{0}} \overset{10}{\cancel{0}} \\
 - 1 . 8 7 \\
 \hline
 \underline{\underline{3 . 1 3}}
 \end{array}$$

3

Find these sums and differences.

(a)  $1.31 + 4.9 = \boxed{6.21}$

(b)  $2.66 + 2.58 = \boxed{5.24}$

(c)  $0.57 + 9.95 = \boxed{10.52}$

(d)  $6.03 - 0.04 = \boxed{5.99}$

(e)  $3.11 - 1.5 = \boxed{1.61}$

(f)  $5.42 - 1.96 = \boxed{3.46}$

Teddy says,

45 divided by 100 is 0.45  
so I know 0.45 is 100  
times smaller than 45



Mo says,

45 divided by 100 is 0.45  
so I know 45 is 100 times  
bigger than 0.45



Who is correct?

Explain your answer.

True or False?

0.3 is bigger than  $\frac{1}{4}$

Explain your reasoning.

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45 divided by 100 is 0.45  
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Mo says,

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so I know 45 is 100 times  
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Who is correct?  
Explain your answer.

Teddy and Mo are both correct. Children may use a place value chart to help them explain their answer.

True or False?

0.3 is bigger than  $\frac{1}{4}$

Explain your reasoning.

True because  $\frac{1}{4}$  is 25 hundredths and 0.3 is 30 hundredths. Therefore, 0.3 is bigger.