

# Adding and Subtracting Decimals

Lesson  
11

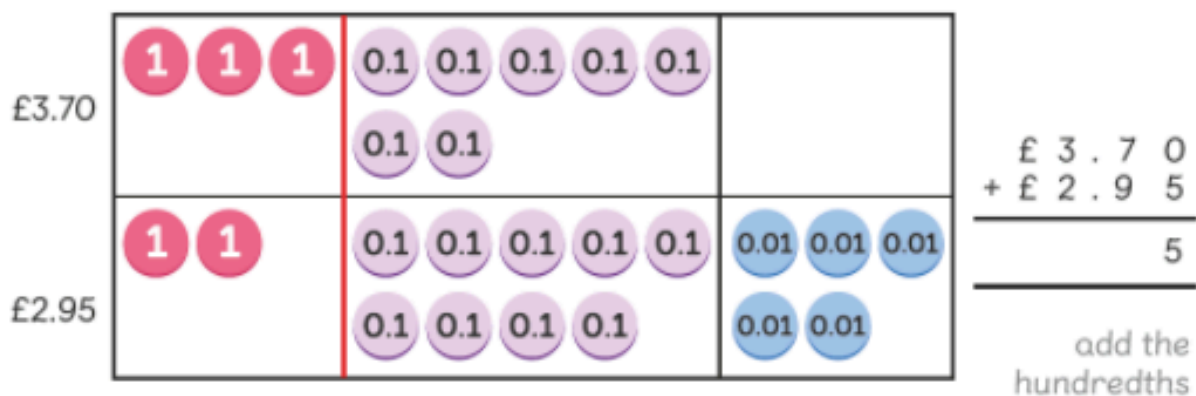
## In Focus



Pick any two and talk about their prices.

## Let's Learn

- 1 🧑 picks £3.70 and £2.95 and finds the sum.




$$\begin{array}{r}
 \overset{1}{\text{£ } 3.70} \\
 + \text{£ } 2.95 \\
 \hline
 65
 \end{array}$$

add the tenths

↓

7 tenths + 9 tenths = 16 tenths  
 16 tenths = 1 one 6 tenths



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$$\begin{array}{r}
 \overset{1}{\text{£ } 3.70} \\
 + \text{£ } 2.95 \\
 \hline
 \text{£ } 6.65
 \end{array}$$

add the ones

Together they cost £6.65.

Alternatively,

£0.05

$\text{£}3.70 + \text{£}2.95$   
 $= \text{£}3.65 + \text{£}3$   
 $= \text{£ } \square$

2  picks  £4.05 and  £1.25 and finds the difference.

£4.05				$\begin{array}{r} \text{£ } 4 . 0 5 \\ - \text{£ } 1 . 2 5 \\ \hline \end{array}$
£1.25				



				$\begin{array}{r} \text{£ } \overset{3}{\cancel{4}} . \overset{10}{\cancel{0}} 5 \\ - \text{£ } 1 . 2 5 \\ \hline \end{array}$



				$\begin{array}{r} \text{£ } \overset{3}{\cancel{4}} . \overset{10}{\cancel{0}} 5 \\ - \text{£ } 1 . 2 5 \\ \hline \text{£ } 2 . 8 0 \end{array}$

The price difference is £2.80.



## Guided Practice

1  did this.

$$\begin{array}{r} \cancel{3} \ . \ \cancel{10} \ 5 \\ - 1 \ . \ 2 \ 5 \\ \hline \\ \hline \end{array}$$

4.05  
3    10 tenths    5 hundredths

Use 's method to rename.

(a)  $3.28 - 1.42 =$

<input type="text"/>	<input type="text"/>	
3	.	2 8
-	1	. 4 2
<hr/>		
<hr/>		

(b)  $4.91 - 1.23 =$

	<input type="text"/>	<input type="text"/>
4	.	9 1
-	1	. 2 3
<hr/>		
<hr/>		

2 Add.

(a)  $1.89 + 1.04 =$

(b)  $3.8 + 1.34 =$

Use two different methods.

3 Subtract.

(a)  $3.41 - 0.19 =$

(b)  $10.2 - 5.19 =$

Use two different methods.

## Guided Practice

1



did this.

$$\begin{array}{r} \overset{3}{\cancel{4}} . \overset{10}{\cancel{0}} 5 \\ - 1 . 2 5 \\ \hline \\ \hline \end{array}$$

4.05  
3    10 tenths    5 hundredths

Use 's method to rename.

(a)  $3.28 - 1.42 = 1.86$

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

(b)  $4.91 - 1.23 = 3.68$

$$\begin{array}{r} 4 . \overset{8}{\cancel{9}} \overset{11}{\cancel{1}} \\ - 1 . 2 3 \\ \hline \\ \hline \end{array}$$



2

Add.

(a)  $1.89 + 1.04 = 2.93$

(b)  $3.8 + 1.34 = 5.14$

Use two different methods.



3

Subtract.

(a)  $3.41 - 0.19 = 3.22$

(b)  $10.2 - 5.19 = 5.01$

Use two different methods.



# 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

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

(b) 3.69 and 1.22

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

(c) 1.83 and 1.47


(d) 2.35 and 9.78

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

$$\begin{array}{r}
 2 . 5 4 \\
 - 1 . 0 6 \\
 \hline
 \\
 \hline
 \end{array}$$

(b) 3.16 and 0.47

$$\begin{array}{r}
 3 . 1 6 \\
 - 0 . 4 7 \\
 \hline
 \\
 \hline
 \end{array}$$

(c) 1.35 and 0.8

(d) 5 and 1.87

3

Find these sums and differences.

(a)  $1.31 + 4.9 =$

(b)  $2.66 + 2.58 =$

(c)  $0.57 + 9.95 =$

(d)  $6.03 - 0.04 =$

(e)  $3.11 - 1.5 =$

(f)  $5.42 - 1.96 =$