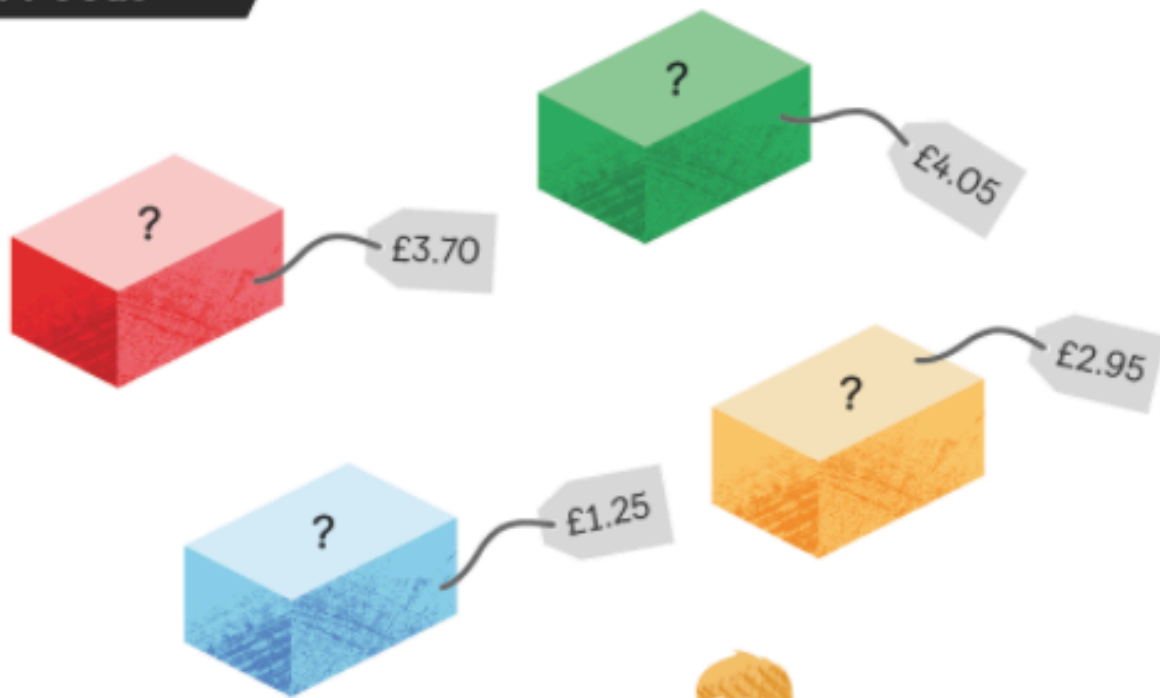


Adding and Subtracting Decimals

Lesson 10

In Focus



Pick any two of the above and talk about their prices.

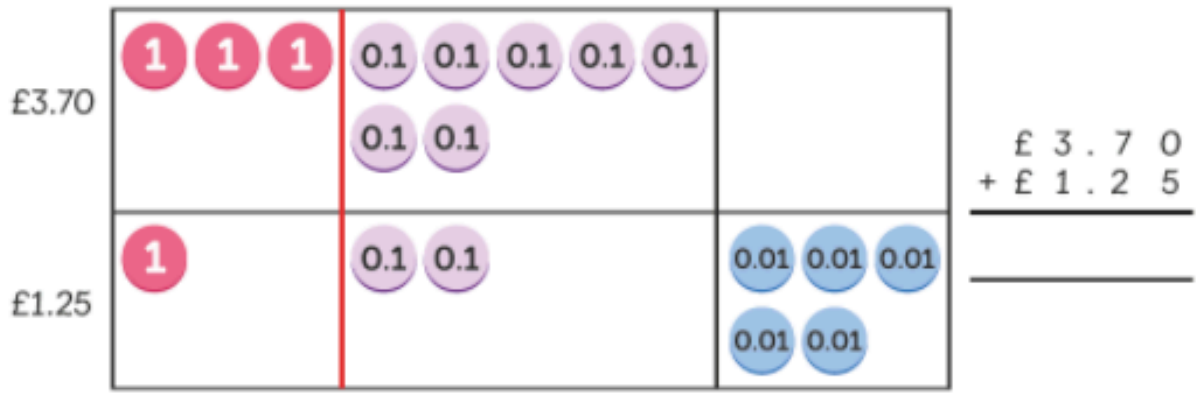


What kinds of things cost this much?


Let's Learn

1  picks  £3.70 and  £1.25.

$£3.70 + £1.25 =$



$$\begin{array}{r} £ 3 . 7 0 \\ + £ 1 . 2 5 \\ \hline 5 \end{array}$$


 Add the hundredths.

$$\begin{array}{r} £ 3 . 7 0 \\ + £ 1 . 2 5 \\ \hline 9 5 \end{array}$$

Add the tenths.

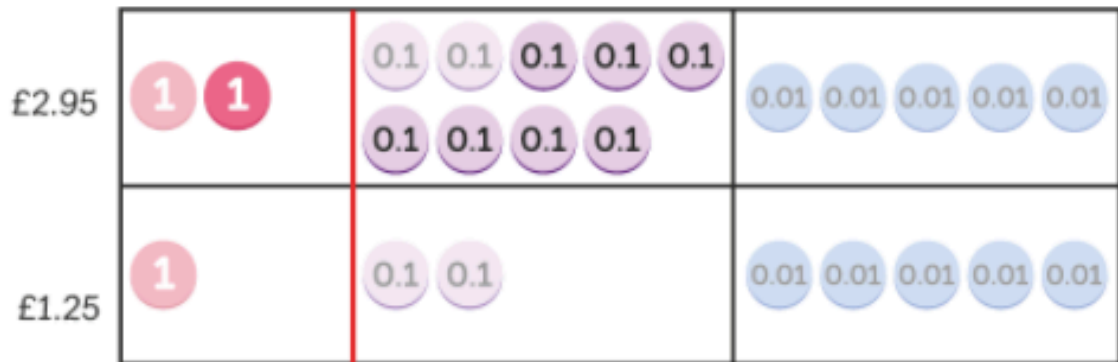
$$\begin{array}{r} £ 3 . 7 0 \\ + £ 1 . 2 5 \\ \hline £ 4 . 9 5 \end{array}$$

Add the whole numbers.

 Together, they cost £4.95.



2  picks  £1.25 and  £2.95.



£2.95 - £1.25 =

$$\begin{array}{r} \text{£ } 2.95 \\ - \text{£ } 1.25 \\ \hline 0 \end{array}$$

$$\begin{array}{r} \text{£ } 2.95 \\ - \text{£ } 1.25 \\ \hline 70 \end{array}$$

$$\begin{array}{r} \text{£ } 2.95 \\ - \text{£ } 1.25 \\ \hline \text{£ } 1.70 \end{array}$$



Subtract the hundredths.

Subtract the tenths.



Subtract the whole numbers.

One costs £1.70 more than the other.



Guided Practice

1

1.34	1	0.1 0.1 0.1	0.01 0.01 0.01 0.01
0.21		0.1 0.1	0.01

(a) Add.

$$1.34 + 0.21 = \square$$

(b) Subtract.

$$1.34 - 0.21 = \square$$

What is the difference between your two answers?



2



did this.

$$1.35 + 1.4$$

$$\begin{array}{r} 1.35 \\ + 1.4 \\ \hline 1.49 \end{array}$$

What is wrong?

Guided Practice

1

1.34	1	0.1 0.1 0.1	0.01 0.01 0.01 0.01
0.21		0.1 0.1	0.01

(a) Add.

$$1.34 + 0.21 = 1.55$$


(b) Subtract.

$$1.34 - 0.21 = 1.13$$

What is the difference between your two answers?



2

 did this.

$$1.35 + 1.4$$

$$\begin{array}{r} 1.35 \\ + 1.4 \\ \hline 1.49 \end{array}$$

What is wrong?

He lined up the place value incorrectly, so he added 5 hundredths to 4 tenths and got 9 hundredths.

Worksheet 10

Adding and Subtracting Decimals

1 Find the sum of the following.

(a) 1.24 and 1.23



1.24

+

1.23

=

(b) 1.51 and 1.12



1.51

+

1.12

=

(c) $1.32 + 1.23 =$

(d) $1.09 + 0.3 =$

(e) $2.7 + 1.01 =$

(f) $5.09 + 2.9 =$

2 Find the difference.

(a) 2.13 and 1.02



$$2.13 - 1.02 = \boxed{}$$

(b) 1.75 and 1.34



$$1.75 - 1.34 = \boxed{}$$

(c) $1.75 - 1.4 = \boxed{}$

(d) $1.16 - 0.13 = \boxed{}$

(e) $2.49 - 1.14 = \boxed{}$

(f) $3.67 - 2.5 = \boxed{}$