

Adding and Subtracting Decimals

Lesson
9

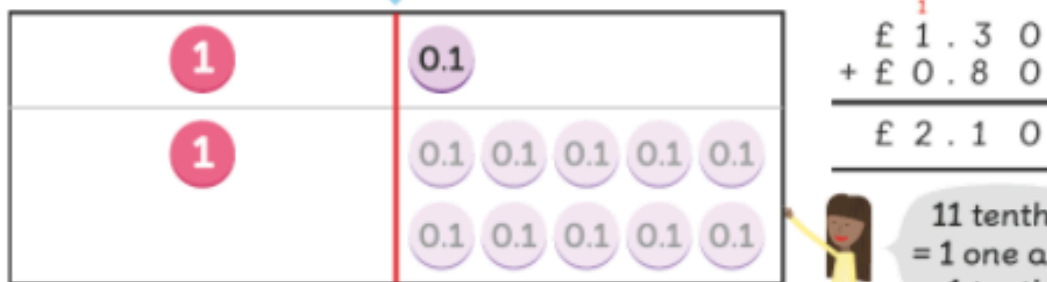
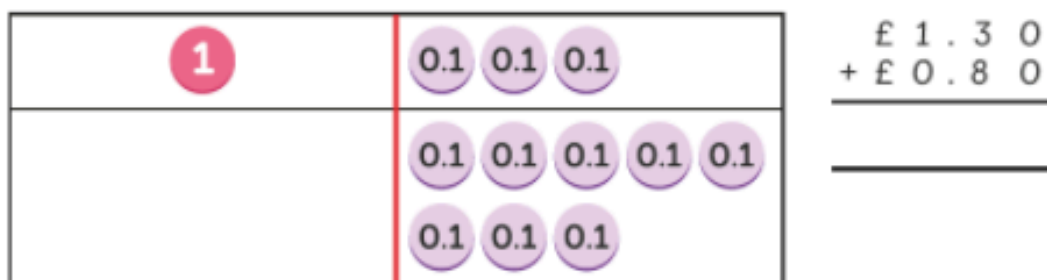
In Focus



What are some questions you can ask about the prices of the items?

Let's Learn

- 1 What is the total cost of the  and  ?
 $£1.30 + £0.80 =$



11 tenths
= 1 one and
1 tenth

Alternatively,



$$\begin{array}{l} \text{£}0.20 \\ \xrightarrow{\hspace{1cm}} \\ \text{£}1.30 + \text{£}0.80 \\ = \text{£}1.10 + \text{£}1 \end{array}$$



$$13 \text{ tenths} + 8 \text{ tenths} = 21 \text{ tenths}$$

2 pounds and 10 pence is the same as 2.1 pounds.

2

Which is more expensive,  or ? How much more expensive is it?

£1.30	1	0.1 0.1 0.1
£0.80		0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1

$$\begin{array}{r} \text{£ } 1.30 \\ - \text{£ } 0.80 \\ \hline \\ \hline \end{array}$$



£1.30		0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
£0.80		0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1

$$\begin{array}{r} \text{£ } \overset{0}{\cancel{1}}.\overset{13}{\cancel{3}}0 \\ - \text{£ } 0.80 \\ \hline \text{£ } 0.50 \\ \hline \end{array}$$

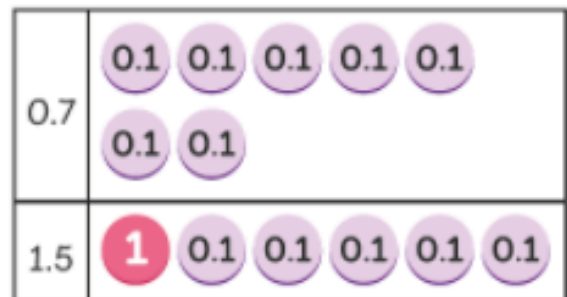
Guided Practice

1 Find the sum.

(a) 0.9 and 0.4

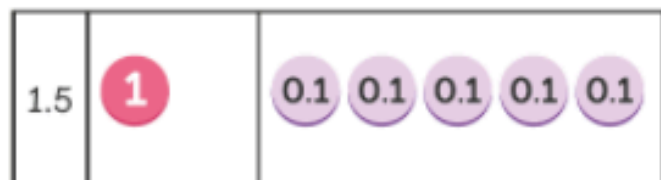


(b) 0.7 and 1.5

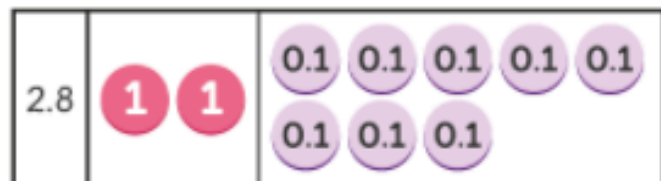


2 Subtract.

(a) $1.5 - 0.7 =$



(b) $2.8 - 0.9 =$



3



(a) Calculate the total price.

(b) A small bar of chocolate is £0.50 less than



Find its price.

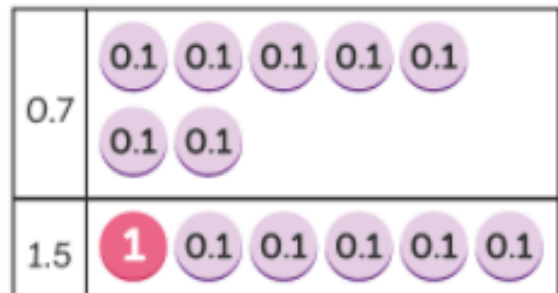
Guided Practice

1 Find the sum.

(a) 0.9 and 0.4 **1.3**

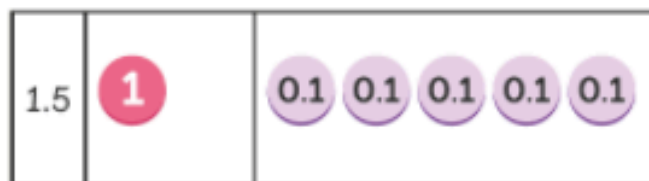


(b) 0.7 and 1.5 **2.2**

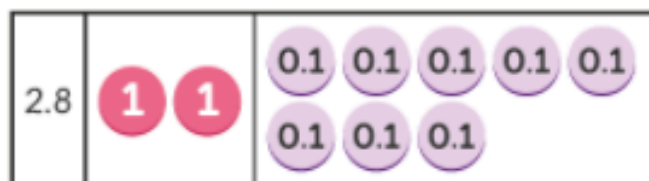


2 Subtract.

(a) $1.5 - 0.7 =$ **0.8**



(b) $2.8 - 0.9 =$ **1.9**



3



(a) Calculate the total price. **£2.30**

(b) A small bar of chocolate is £0.50 less than
Find its price. **£0.90**



Worksheet 9

Adding and Subtracting Decimals

1 Find the sum of the following.

(a) 0.7 and 0.6



(b) 1.4 and 0.8



(c) $0.4 + 0.7 =$

(d) $0.5 + 0.5 =$

(e) $1.7 + 0.8 =$

(f) $1.2 + 0.9 =$

2 Find the difference.

(a) 1.2 and 0.4



(b) 2.3 and 0.7



(c) $1.4 - 0.9 =$

(d) $1.7 - 0.8 =$

(e) $2.3 - 0.6 =$

(f) $2.5 - 1.9 =$