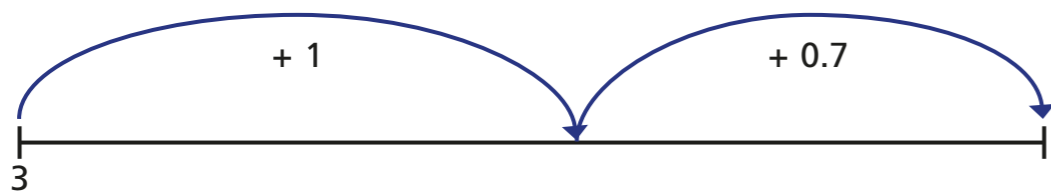


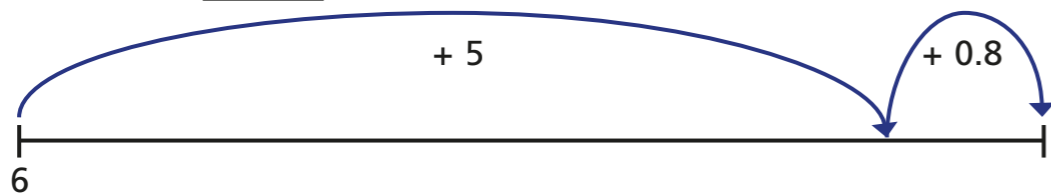
Adding and subtracting wholes and decimals

1 Use the number lines to help you work out the additions.

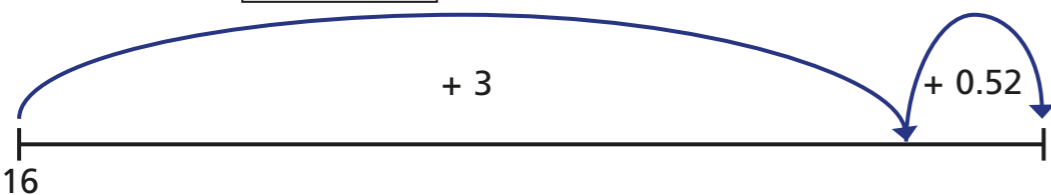
a) $3 + 1.7 = \square$



b) $6 + 5.8 = \square$



c) $16 + 3.52 = \square$



2 Mo and Dexter are trying to add 3.9 and 4 in their heads.



I started at 4 and added 3 and then added 0.9

Mo

I started at 3.9 and added 4



Dexter

Whose method do you prefer? _____

Talk about it with a partner.

3 Kim has used the column method to work out $15 + 3.89$

$$\begin{array}{r} 15.00 \\ + 3.89 \\ \hline 18.89 \end{array}$$

What other methods could you use to work out $15 + 3.89$?

4 Work out the calculations in your head.

a) $7 + 2.8 = \square$

f) $8.3 + 17 = \square$

b) $5 + 3.6 = \square$

g) $8.8 - 5 = \square$

c) $2.8 + 15 = \square$

h) $15.2 - 3 = \square$

d) $8 + 3.9 = \square$

i) $12.8 - 7 = \square$

e) $25 + 6.8 = \square$

j) $63.2 - 6 = \square$

5 Complete the additions.

a) $6 + 1.83 = \square$

e) $4.5 + \square = 9.5$

b) $7 + 5.82 = \square$

f) $4.5 + \square = 19.5$

c) $3.95 + 29 = \square$

g) $6 + \square = 9.7$

d) $2 + 5 + 6.3 = \square$

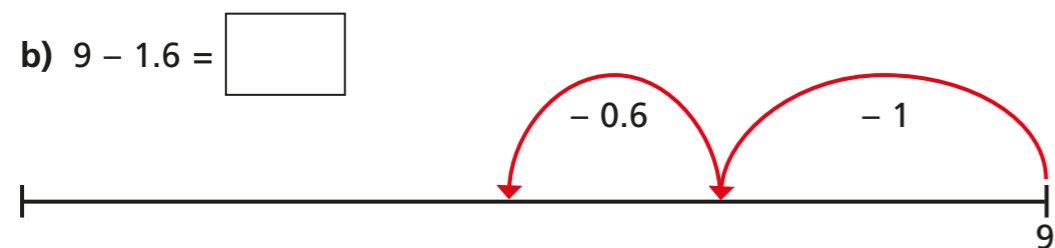
h) $\square + 6 = 15.32$

6 Work out the cost of the items.

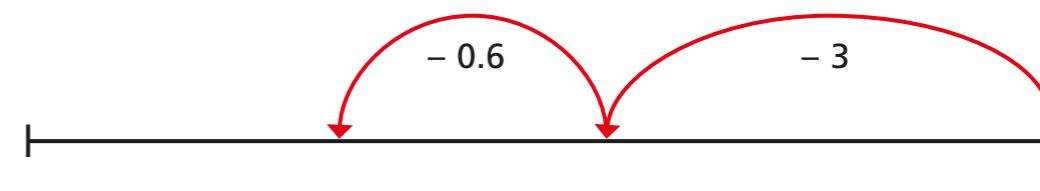
coffee	£3	
tea	£2.35	
cake	£4	
muffin	£1.95	
hot chocolate	£1.99	

- a) coffee and a muffin £
- b) a slice of cake and hot chocolate £
- c) coffee, tea and 2 slices of cake £

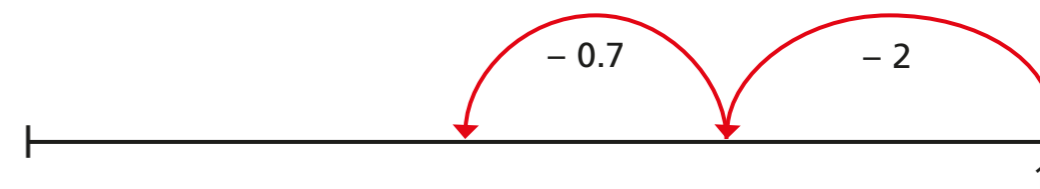
7 Use the number lines to help you work out the subtractions.



c) $9 - 3.6 =$



d) $15 - 2.7 =$



8 Complete the subtractions.

- a) $8 - 2.9 =$ d) $12 - 4.5 =$
- b) $16 - 3.5 =$ e) $14 - 7.8 =$
- c) $28 - 7.3 =$ f) $32 - 9.2 =$

9 Annie has worked out $12 - 4.8$ in her head.



The answer is 8.2

Annie

What mistake has Annie made?

Talk about it with a partner.

