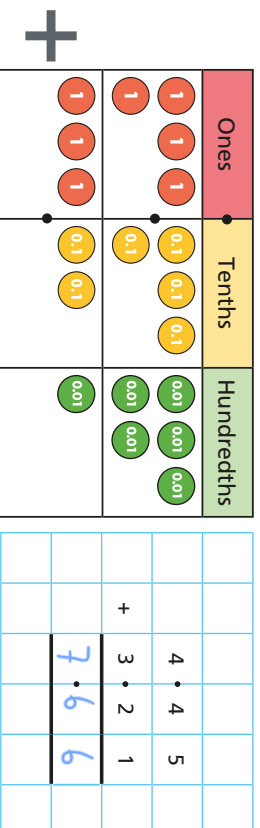


# Adding decimals with the same number of decimal places

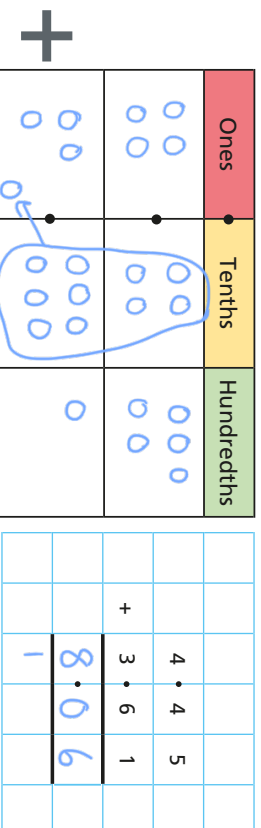
## 1 Complete the additions.

Use the place value charts to help you.

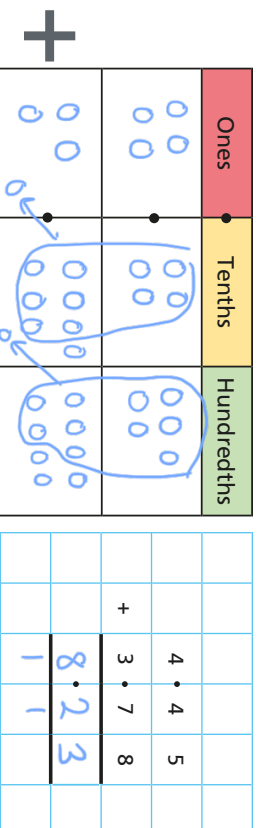
a)  $4.45 + 3.21 = 7.66$



b)  $4.45 + 3.61 = 8.06$



c)  $4.45 + 3.78 = 8.23$



Which calculation was easier? Talk about it with a partner.

## 2 Use the column method to work out the additions.

a)

		5	3
		+	2
		7	8

e)

		3	1	0	2
		+	5	8	7
		8	9	7	8

b)

		6	0	3
		+	3	9
		9	9	4

f)

		1	2	0	3	4
		+	9	2	2	7
		2	1	2	6	1

c)

		2	3	2
		+	1	0
		1	2	4

g)

		5	7	5
		+	5	3
		1	6	0

d)

		6	3	7
		+	6	2
		1	2	6

h)

		1	4	9
		+	1	2
		2	7	3



3

Work out the calculations.

Write  $<$ ,  $>$  or  $=$  to make the statements correct.

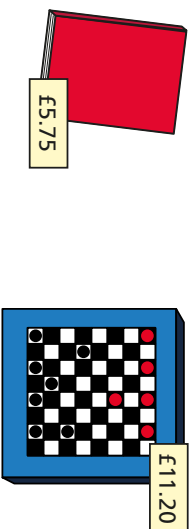
a)  $0.64 + 4.79$   $>$   $5.01 + 0.23$

b)  $7.427 + 3.238$   $<$   $5.427 + 5.832$

c)  $3.08 + 4.63$   $=$   $4.84 + 2.87$

4

Teddy is working out the total cost of these items.



Here are his workings.

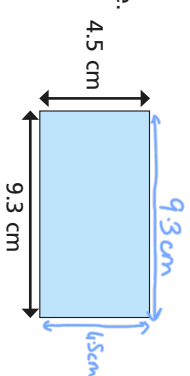
$$\begin{array}{r} 5 \cdot 7 \quad 5 \\ + \quad 1 \quad 1 \cdot 2 \quad 0 \\ \hline 6 \quad 8 \cdot 7 \quad 0 \end{array}$$

Talk to a partner about Teddy's mistake.

Work out the correct answer.

5

Work out the perimeter of the shape.

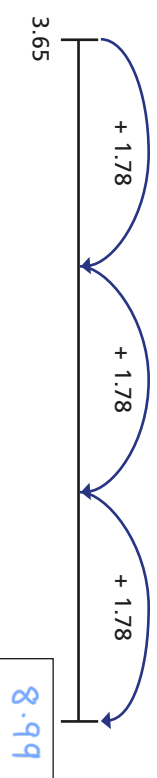


$$\begin{aligned} &4.5 + 9.3 + 4.5 + 9.3 \\ &= 9 + 18.6 \\ &= 27.6 \end{aligned}$$

perimeter = 27.6 cm

6

Complete the number line.



7

Eva starts with the number 1.62

Eva

I added a number and got 2.8

Rosie

This is impossible as 2.8 only has one digit after the decimal.

Is Rosie correct? No

Talk about it with a partner.