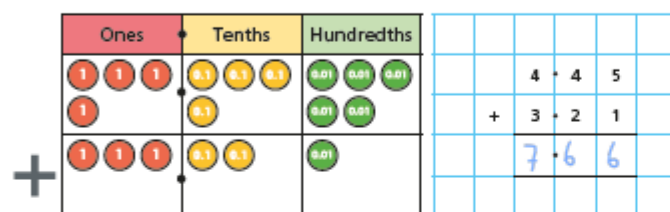


Adding decimals with the same number of decimal places

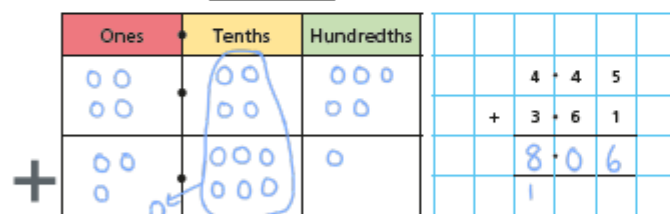
1 Complete the additions.

Use the place value charts to help you.

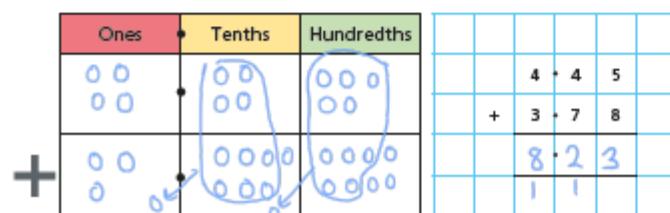
a) $4.45 + 3.21 = 7.66$



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	+	5
		7	.	8	

e)

		3	+	1	0	2	
		+	5	+	8	7	6
		8	.	9	7	8	

b)

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

g)

		5	+	7	5	
		+	5	+	3	2
		+	5	+	0	1
		1	6	.	0	8

d)

		6	+	3	7	
		+	6	+	2	6
		1	2	.	6	3

h)

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

- 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.

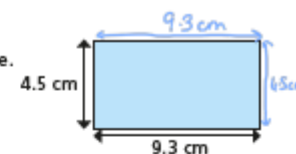


Here are his workings.

$$\begin{array}{r} 5.75 \\ + 11.20 \\ \hline 68.70 \end{array}$$

Talk to a partner about Teddy's mistake.
Work out the correct answer.

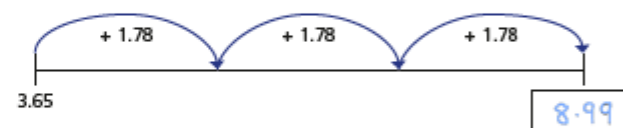
- 5 Work out the perimeter of the shape.



$$\begin{array}{l} 4.5 + 9.3 + 4.5 + 9.3 \\ = 9 + 18.6 \\ = 27.6 \end{array}$$

perimeter = 27.6 cm

- 6 Complete the number line.



- 7 Eva starts with the number 1.62



I added a number
and got 2.8

Eva

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

Rosie



Is Rosie correct? No

Talk about it with a partner.