Adding decimals with the same number of decimal places

Complete the additions.

Use the place value charts to help you.

a) 4.45 + 3.21 =	7.66
uj 4.45 + 5.21 -	+ 60

	Ones	Tenths	Hundredths					
		0.1 0.1 0.1	0.01 0.01 0.01		4	• 4	5	
		0.1	0.01 0.01	+	3	• 2	1	
L		0.1 0.1	0.01		7	6	6	
Т		•						



Ones	Tenths	Hundredths			
00	00	000		4	• 4
00	00	00	+	3	6
00	000	0		8	0
0 05	1000			I	

_				 			
	Ones	Tenths	Hundredths				
	00	100	000		4	• 4	5
	0 0	00	00	+	3	• 7	8
	00	0000	0000		8	2	3
	0 06	000			I	(

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



5

1

6

2 Use the column method to work out the additions.



b)					
		6	0	3	
	+	3	9	1	
		٩.	9	ų	

c)						
			2 .	3	2	
	+	1	0 •	1	7	
		1	J .	4	9	



e)						
		3 (• 1	0	2	
	+	5	8	7	6	
		8	9	7	8	

	1	2	• 0	3	4	
+		9	• 2	2	7	
	2		2	6	1	
	t			(

g)

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

h)

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

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



3

Teddy is working out the total cost of these items.



Here are his workings.

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

£11.20

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







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