

Add whole numbers with more than 4 digits (column method)

- 1 Complete the calculations.

a)

		2	1	6	4
	+	3	2	1	3

b)

		4	2	7	5
	+	2	6	4	3

- 2 Complete the column additions.

What do you notice about each addition?

What stays the same?

What changes?

		7	4	3	5			7	4	3	5	
	+	2	4	5	6			+	2	4	6	6

		7	4	3	5			7	4	3	5	
	+	2	5	6	6			+	3	5	6	6

- 3 Complete the additions. Use the place value chart to help you.

TTh	Th	H	T	O
10,000 10,000	1,000 1,000 1,000	100 100	10 10 10 10	1 1 1 1 1

a) $23,245 + 14,323$

b) $23,245 + 14,328$

c) $23,245 + 14,846$

d) $\square + 23,245 = 35,490$

- 4 Use the column method to work out the additions.

a) $\pounds 36,000 + \pounds 19,420$

c) $843 \text{ cm} + 15,611 \text{ cm}$

b) $40,720 \text{ g} + 6,872 \text{ g}$

d) $\pounds 17,320 + \pounds 6,009 + \pounds 34,871$

- 5 The table shows the number of home and away fans attending three football matches.

Match	Home fans	Away fans
1	53,640	12,930
2	42,630	18,340
3	35,480	32,490

Which match had the greatest total attendance?

- 6 Complete the additions.

a)

			4		1	
	+	2		8		4
		8	9	9	2	6

b)

			4		9	
	+	2		8		4
		8	9	9	2	6

- 7 Complete the additions.

a) $735 + \square = 1,000$

b) $1,026 + \square = 10,000$

c) $\square + 872 = 10,000$

- 8 Mr Hall has written these additions on the board.

$324,846 + 12,475$

$17,654 + 2,935$

Dexter's workings

3	2	4	8	4	6
+	1	2	4	7	5
3	3	6	2	1	1
		1	1	1	

Eva's workings

1	7	6	5	4
+	2	9	3	5
4	7	0	0	4
	1	1	1	

Explain the mistakes that Dexter and Eva have made.