

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

1 Complete the calculations.

a)

		2	1	6	4
		+	3	2	1

b)

			4	2	7
			+	2	6

2 Complete the column additions.

What do you notice about each addition?

What stays the same?

What changes?

			7	4	3
			+	2	4

			7	4	3
			+	2	4

			7	4	3
			+	2	5

			7	4	3
			+	3	5

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

TTh	Th	H	T	O
10,000	1,000	100	10	1
10,000	1,000	100	10	1
	1,000		10	1
			10	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) $\pounds 36,000 + \pounds 19,420$
 b) $40,720 \text{ g} + 6,872 \text{ g}$
 c) $843 \text{ cm} + 15,611 \text{ cm}$
 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

b)

			4		9
			+	2	8

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
			+	1	2

Eva's workings

			1	7	6
			+	2	9

Explain the mistakes that Dexter and Eva have made.