

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

1 Complete the calculations.

a)

| Th | H | T | O |
|-------------|---------|-------|-----|
| 1,000 1,000 | 100 | 10 10 | 1 1 |
| | | 10 10 | 1 1 |
| | | 10 10 | |
| + | | | |
| 1,000 1,000 | 100 100 | 10 | 1 1 |
| 1,000 | | | 1 |

| | | | | | |
|--|--|---|---|---|---|
| | | | | | |
| | | 2 | 1 | 6 | 4 |
| | | + | 3 | 2 | 1 |
| | | | | | |
| | | | | | |

b)

| Th | H | T | O |
|-------------|---------|-------|-----|
| 1,000 1,000 | 100 100 | 10 10 | 1 1 |
| 1,000 1,000 | | 10 10 | 1 1 |
| | | 10 10 | 1 |
| | | 10 | |
| + | | | |
| 1,000 1,000 | 100 100 | 10 10 | 1 1 |
| | 100 100 | 10 10 | 1 |
| | 100 100 | | |

| | | | | | |
|--|--|---|---|---|---|
| | | | | | |
| | | 4 | 2 | 7 | 5 |
| | | + | 2 | 6 | 4 |
| | | | | | |
| | | | | | |

2 Complete the column additions.

| | | | | | | | | | |
|--|--|---|---|---|---|---|--|---|---|
| | | | | | | | | | |
| | | 7 | 4 | 3 | 5 | | | 7 | 4 |
| | | + | 2 | 4 | 5 | 6 | | + | 2 |
| | | | | | | | | | |
| | | | | | | | | | |

| | | | | | | | | | |
|--|--|---|---|---|---|---|--|---|---|
| | | | | | | | | | |
| | | 7 | 4 | 3 | 5 | | | 7 | 4 |
| | | + | 2 | 5 | 6 | 6 | | + | 3 |
| | | | | | | | | | |
| | | | | | | | | | |

What do you notice about each addition?

What stays the same? What changes?

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 | 100 100 | 10 10 | 1 1 |
| | 1,000 | | 10 10 | 1 1 |
| | | | | 1 |

a) $23,245 + 14,323 =$

b) $23,245 + 14,328 =$

c) $23,245 + 14,846 =$

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

