

On this page you will learn two informal methods for addition.

ADD LARGEST VALUE DIGITS FIRST

Examples	5384	2673
	+ 2729	+ 1592
	<u>7000</u>	<u>3000</u>
	1000	1100
	100	160
	13	5
	<u>8113</u>	<u>4265</u>

COMPENSATION

Example	4865
	+ 2678
	<u>7865</u> (4865 + 3000)
	- 322 (2678 - 3000)
	<u>7543</u>

A

Use both methods for each sum.

1	583	6	364
	+ 249		+ 186
2	659	7	786
	+ 278		+ 275
3	871	8	947
	+ 685		+ 593
4	1654	9	1368
	+ 927		+ 467
5	2087	10	4923
	+ 359		+ 958

- 11** 267 women and 395 men belong to a Health Club. How many members are there altogether?

**B**

Use both methods for each sum.

1	4287	6	4392
	+ 1946		+ 4678
2	3649	7	2685
	+ 1578		+ 1594
3	4564	8	5417
	+ 2788		+ 2863
4	6478	9	7254
	+ 1957		+ 4135
5	5895	10	8769
	+ 2578		+ 3946

- 11** In December a factory made 5962 cars. In January production increased by 1378. How many cars were made in January?

- 12** Aeysha's annual salary was £17 348. She also earned a bonus of £1365. How much was she paid altogether?

C

Add largest value digits first. Set out as in the examples.

- 1** 3486 + 1957
- 2** 12 385 + 7850
- 3** 23 408 + 15 473
- 4** 9748 + 2976
- 5** 5839 + 7794
- 6** 38 674 + 9369

Use compensation. Set out as in the example.

- 7** 6907 + 5798
- 8** 7564 + 3988
- 9** 47 561 + 24 938
- 10** 8675 + 4976
- 11** 17 923 + 5786
- 12** 56 790 + 7692

- 13** A car had a mileage of 32 517. In the next year it was driven a further 9864 miles. What was the new mileage?