

Year 5: Column addition with bigger numbers: answers

Year 5 - Column Addition and Subtraction - Lesson 2.1

Answers. Final answers to the worksheet questions. Full step-by-step solutions for every question are free at websink.site/ks2-sats/maths/year-5/ch02-addition-subtraction/column-addition-with-bigger-numbers/

Exercise 2A Column addition Non-calculator

1 Use the column method. There is nothing to carry.

(a) $34,526 + 21,342$

Answer: 55,868

(b) $52,013 + 36,275$

Answer: 88,288

(c) $60,452 + 27,134$

Answer: 87,586

(d) $413,205 + 285,794$

Answer: 698,999

2 Use the column method. You will carry once in each question.

(a) $46,298 + 32,451$

Answer: 78,749

(b) $27,315 + 41,268$

Answer: 68,583

(c) $534,162 + 214,786$

Answer: 748,948

(d) $305,811 + 192,437$

Answer: 498,248

3 Use the column method. You will carry more than once.

(a) $37,486 + 25,758$

Answer: 63,244

(b) $68,925 + 14,697$

Answer: 83,622

(c) $472,865 + 359,478$

Answer: 832,343

(d) $286,749 + 195,876$

Answer: 482,625

4 The numbers have different lengths. Line up the digits on the right. Use the column method.

(a) $45,208 + 3,796$

Answer: 49,004

(b) $7,459 + 62,385$

Answer: 69,844

(c) $231,684 + 8,975$

Answer: 240,659

(d) $906 + 481,257$

Answer: 482,163

5 There are zeros in these numbers. Use the column method. Watch what happens when a carry meets a 9 or a 0.

(a) $306,040 + 95,960$

Answer: 402,000

(b) $400,908 + 99,092$

Answer: 500,000

(c) $199,999 + 1$

Answer: 200,000

(d) $250,050 + 749,950$

Answer: 1,000,000

6 Add the three numbers. Use the column method.

(a) $4,325 + 18,760 + 357$

Answer: 23,442

(b) $62,450 + 8,795 + 31,206$

Answer: 102,451

(c) $125,600 + 74,350 + 98,425$

Answer: 298,375

7 Each answer has **seven digits**. Use the column method.

(a) $674,592 + 538,716$

Answer: 1,213,308

(b) $850,000 + 275,400$

Answer: 1,125,400

(c) $999,999 + 999,999$

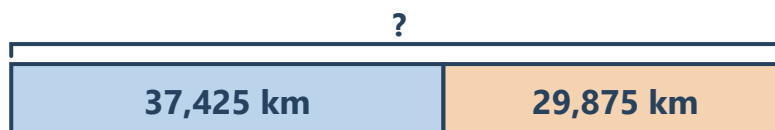
Answer: 1,999,998

- 8 The population of Rivertown is 84,560. The population of Hillford is 61,275. How many people live in the two towns altogether?



Answer: 145,835 people

- 9 A taxi driver drives 37,425 km in one year and 29,875 km the next year. How far does the taxi driver drive in the two years altogether?



Answer: 67,300 km

- 10 Three football matches are played in a stadium. The crowds are 38,450, 41,275 and 29,860. How many fans watch the three matches altogether?



Answer: 109,585 fans

- 11 Zainab works out $45,230 + 6,418$. She lines the numbers up on the left and gets 109,410. Zainab has made a mistake. Explain it and write the correct answer.

Answer: 51,648

- 12 Always, sometimes or never? When you add two five-digit numbers, the answer has five digits.

Answer: Sometimes

- 13 Maya says, "When you add numbers in columns you can only ever carry 1." Is Maya right? Add $8,675 + 9,486 + 7,859$ to find out.

Answer: No. With three numbers you can carry 2. The total is 26,020.

- 14 Use each of the digits 1, 2, 3, 4, 5, 6, 7, 8 and 9 **once** to make a five-digit number and a four-digit number.

- (a) What is the **largest** total you can make by adding them?

Answer: 106,173

- (b) What is the **smallest** total you can make by adding them?

Answer: 16,047