

Year 4: Column subtraction: answers

Year 4 - Column Addition and Subtraction - Lesson 2.2

Answers. Final answers to the worksheet questions. Full step-by-step solutions for every question are free at websink.site/ks2-sats/maths/year-4/ch02-addition-subtraction/column-subtraction/

Exercise 2B Column subtraction Non-calculator

1 Use the column method. Nothing needs to be exchanged.

(a) $5,687 - 2,354$

Answer: 3,333

(b) $7,948 - 3,215$

Answer: 4,733

(c) $9,675 - 4,352$

Answer: 5,323

(d) $8,409 - 6,108$

Answer: 2,301

2 Use the column method. You will need to exchange.

(a) $4,732 - 1,519$

Answer: 3,213

(b) $6,485 - 2,967$

Answer: 3,518

(c) $7,120 - 3,805$

Answer: 3,315

(d) $5,346 - 2,178$

Answer: 3,168

3 Use the column method. You will need to exchange more than once.

(a) $8,352 - 4,879$

Answer: 3,473

(b) $6,234 - 2,958$

Answer: 3,276

(c) $9,141 - 5,876$

Answer: 3,265

(d) $7,007 - 2,349$

Answer: 4,658

4 There is a zero in the top number. Use the column method.

(a) $4,205 - 1,368$

Answer: 2,837

(b) $6,308 - 2,745$

Answer: 3,563

(c) $7,040 - 3,257$

Answer: 3,783

(d) $8,106 - 4,319$

Answer: 3,787

5 The top number has two or three zeros. Use the column method.

(a) $5,000 - 2,468$

Answer: 2,532

(b) $7,006 - 3,458$

Answer: 3,548

(c) $3,000 - 1,264$

Answer: 1,736

(d) $9,000 - 4,999$

Answer: 4,001

6 Take a smaller number from a four-digit number. Line up the digits on the right.

(a) $4,562 - 783$

Answer: 3,779

(b) $3,205 - 468$

Answer: 2,737

(c) $6,140 - 995$

Answer: 5,145

(d) $5,000 - 7$

Answer: 4,993

7 These questions are all subtractions. Work out each answer.

(a) Find the difference between 6,214 and 3,859.

Answer: 2,355

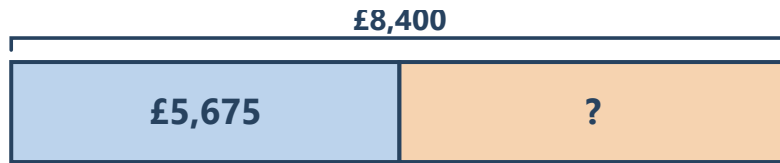
(b) What is 2,543 less than 5,000?

Answer: 2,457

- (c) How many more is 7,105 than 4,988?

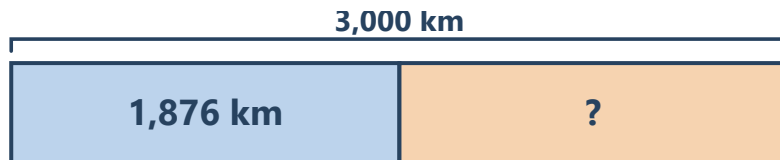
Answer: 2,117

- 8 A car costs £8,400. Mr Khan has saved £5,675. How much more money does he need?



Answer: £2,725

- 9 A lorry driver has to drive 3,000 km. So far she has driven 1,876 km. How much further does she have to drive?



Answer: 1,124 km

- 10 A library has 6,000 books. 2,468 of them are out on loan. How many books are on the shelves?

Answer: 3,532 books

- 11 Leo works out $6,425 - 2,788$. He says the answer is 4,363. Leo has made a mistake. Find the mistake and write the correct answer.

Answer: 3,637

- 12 Dev says, "If the top number has a 0 in it, you always have to exchange." Is Dev right? Show an example to explain.

Answer: No. $5,030 - 2,010$ needs no exchange.

- 13 Which one of these needs **no** exchanges? A $6,574 - 2,431$ B $7,486 - 2,359$ C $5,230 - 1,465$ D $8,003 - 3,496$

Answer: A ($6,574 - 2,431$)

- 14 Here is a number puzzle. Start with 1,002. Make the **biggest** number you can with its digits and the **smallest** number you can (it may start with 0). Subtract the smallest from the biggest. Do the same with your answer, again and again. What do you notice?

Answer: $1,002 \rightarrow 2,088 \rightarrow 8,532 \rightarrow 6,174$, then it stays at 6,174