

Year 5: Tables, charts, timetables and bank statements: answers

Year 5 - Column Addition and Subtraction - Lesson 2.7

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/tables-charts-timetables-and-bank-statements/

Exercise 2G Tables, charts, timetables and bank statements Non-calculator

- 1 The table shows the populations of four towns. Use it to answer the questions.

Town	Population
Ashby	84,560
Brigg	126,400
Calder	47,285
Denby	91,750

- (a) What is the total population of Ashby and Calder?

Answer: 131,845

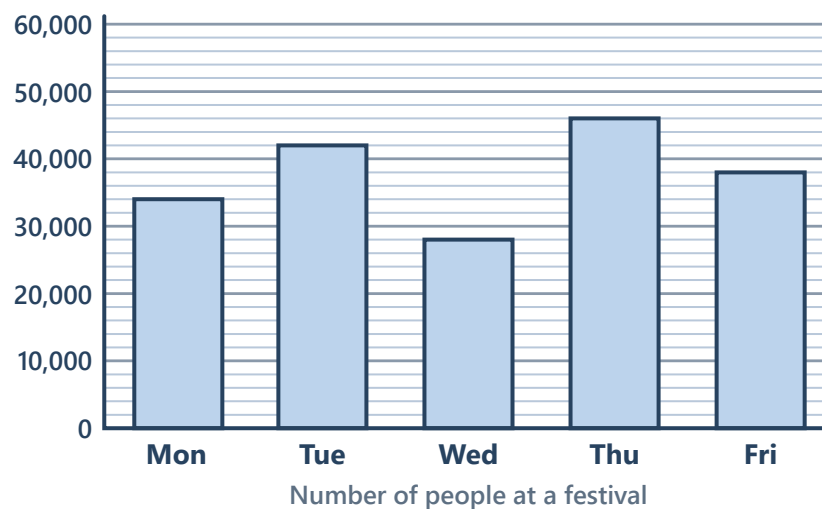
- (b) How many more people live in Brigg than in Denby?

Answer: 34,650

- (c) What is the total population of all four towns?

Answer: 349,995

- 2 The bar chart shows the number of people at a festival each day. Use it to answer the questions.



- (a) How many people went on Thursday?

Answer: 46,000

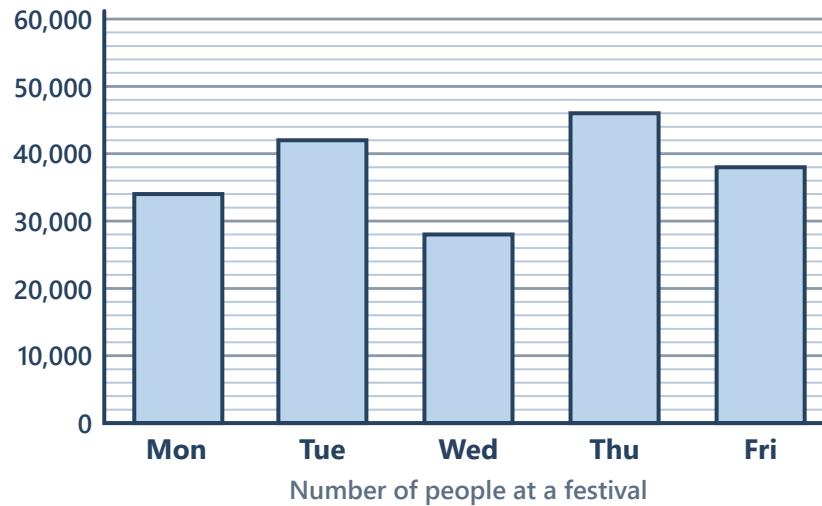
- (b) How many more people went on Tuesday than on Friday?

Answer: 4,000

(c) How many people went on Monday and Tuesday together?

Answer: 76,000

3 Use the bar chart. Which **two** days had a total of 74,000 people?



Answer: Wednesday and Thursday

4 Complete the bank statement. Write the balance after each line.

What happened	Money in	Money out	Balance
Opening balance			£2,450
Wages	£1,865		?
Rent		£950	?
Phone bill		£48	?
Shopping		£215	?
Gift	£150		?

Answer: £4,315, £3,365, £3,317, £3,102, £3,252

5 Here is part of a bank statement.

What happened	Money in	Money out
Wages	£3,200	
Rent		£1,450
Car repair		£875
Holiday		£2,230
Refund	£640	

How much more money went **out** than came **in**?

Answer: £715

6 Use the bus timetable.

Bus stop	Time
School	08:15
Park	08:32
Library	08:47
Station	09:05
Market	09:38

How many minutes does the bus take for each journey?

- (a) Park to Station

Answer: 33 minutes

- (b) Library to Market

Answer: 51 minutes

- (c) School to Market

Answer: 83 minutes

7 A plane flies a route in four stages.

Stage	Distance (km)
London to New York	5,570
New York to Los Angeles	3,940
Los Angeles to Tokyo	8,830
Tokyo to Delhi	5,840

What is the total distance of the whole route? How much of the route is **not** the middle two stages?

- (a) The total distance of the whole route

Answer: 24,180 km

- (b) The distance of the first and last stages together

Answer: 11,410 km

8 A shop records its sales.

Day	Sales
Monday	£12,450
Tuesday	£9,875
Wednesday	£15,320
Thursday	£11,690

The shop's costs for the four days were £27,500. How much money is left after the costs are paid?

Answer: £21,835

9 For each calculation, choose the best method (mental or column) and work out the answer. Explain your choice.

(a) $4,999 + 3,001$

Answer: Mental (compensating): 8,000 (because one number is just under 5,000)

(b) $45,368 + 27,594$

Answer: Column: 72,962 (because big numbers with carrying)

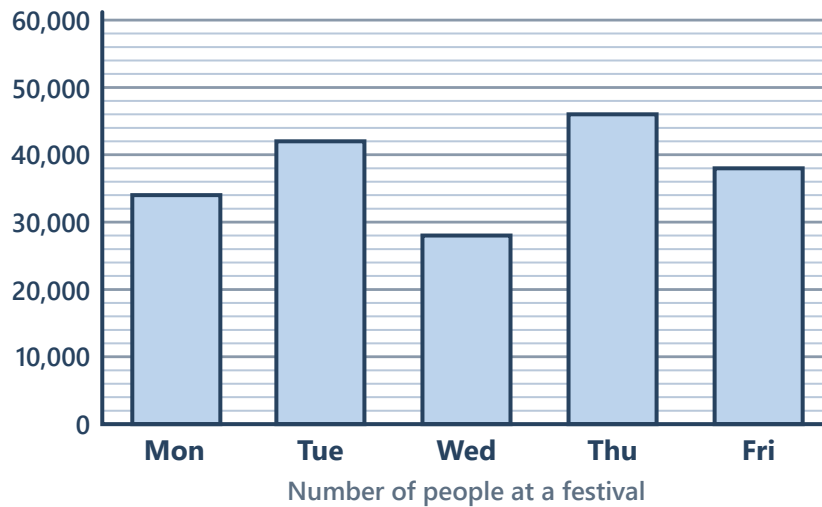
(c) $70,000 - 69,994$

Answer: Mental (counting up): 6 (because the numbers are very close together)

(d) $306,040 - 148,975$

Answer: Column: 157,065 (because zeros and exchanging)

- 10 Leo looks at the bar chart and says, "The Thursday bar is 45,000 because it is between 40,000 and 50,000." What mistake did Leo make? What is the correct number?



Answer: Leo did not count the small steps. The bar is 46,000.

- 11 Zainab says, "Ashby and Calder together have more people than Brigg." Is she right? Use an estimate first, then check with the exact numbers.

Town	Population
Ashby	84,560
Brigg	126,400
Calder	47,285
Denby	91,750

Answer: Yes. Ashby and Calder have 131,845. Brigg has 126,400.

- 12 Which one is the odd one out? Explain how you know.

A $20,000 + 12,500$ B $50,000 - 17,500$ C $16,250 + 16,250$ D $40,000 - 7,000$

Answer: D. It is 33,000. The others are 32,500.

- 13 The table shows how many tickets were sold at a fair. Some numbers are missing. Find all the missing numbers.

	Adults	Children	Total
Saturday	12,450	?	20,100
Sunday	?	9,850	18,300
Total	?	?	?

Answer: Saturday children 7,650; Sunday adults 8,450; total adults 20,900; total children 17,500; grand total 38,400