

Year 4: Tables and two-way tables: answers

Year 4 - Pictograms, Bar Charts and Time Graphs - Lesson 11.5

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/ch11-statistics/tables-and-two-way-tables/

Exercise 11E Tables and two-way tables Non-calculator

1 The table shows the items sold in the school shop.

Item sold	Mon	Tue	Wed	Thu
Pencils	12	15	9	14
Rubbers	6	8	10	4
Rulers	5	7	3	9

(a) How many pencils were sold on Wed?

Answer: 9

(b) How many rubbers were sold on Tue?

Answer: 8

(c) How many rulers were sold on Thu?

Answer: 9

(d) On which day were 14 pencils sold?

Answer: Thu

2 Use the school shop table to find these totals.

Item sold	Mon	Tue	Wed	Thu
Pencils	12	15	9	14
Rubbers	6	8	10	4
Rulers	5	7	3	9

(a) How many pencils were sold from Monday to Thursday?

Answer: 50

(b) How many rulers were sold from Monday to Thursday?

Answer: 24

(c) How many items were sold on Tuesday?

Answer: 30

(d) How many items were sold on Wednesday?

Answer: 22

3 Use the school shop table.

Item sold	Mon	Tue	Wed	Thu
Pencils	12	15	9	14
Rubbers	6	8	10	4
Rulers	5	7	3	9

- (a) How many more pencils than rubbers were sold on Monday?

Answer: 6

- (b) How many more rulers were sold on Thursday than on Monday?

Answer: 4

- (c) What is the difference between the most pencils sold in a day and the fewest pencils sold in a day?

Answer: 6

4 Look at the two-way table about how Class 4 travel to school.

Travel to school	Walk	Bus	Car	Cycle
Boys	8	6	5	4
Girls	7	9	3	5

- (a) How many boys walk?

Answer: 8

- (b) How many girls bus?

Answer: 9

- (c) How many girls cycle?

Answer: 5

- (d) How many pupils come by car altogether?

Answer: 8

5 Use the same table to answer these.

Travel to school	Walk	Bus	Car	Cycle
Boys	8	6	5	4
Girls	7	9	3	5

- (a) How many boys are there in Class 4?

Answer: 23

- (b) How many girls are there in Class 4?

Answer: 24

(c) How many pupils walk to school?

Answer: 15

(d) How many more girls than boys come by bus?

Answer: 3

6 Some numbers in the lunch table have been rubbed out. Work out each missing number.

Lunch choice	Pizza	Pasta	Salad	Total
Class 3	14	<u>?</u>	7	30
Class 4	11	12	<u>?</u>	28
Class 5	<u>?</u>	10	13	31
Total	33	31	25	89

(a) Class 3, pasta

Answer: 9

(b) Class 4, salad

Answer: 5

(c) Class 5, pizza

Answer: 8

7 Complete the two-way table about pets. Fill in every blank.

Pet	Cats	Dogs	Fish	Total
Boys	7	9	<u>?</u>	20
Girls	<u>?</u>	6	5	<u>?</u>
Total	17	<u>?</u>	9	41

Answer:

Pet	Cats	Dogs	Fish	Total
Boys	7	9	4	20
Girls	10	6	5	21
Total	17	15	9	41

8 Twelve children said whether they are a boy or a girl, and what pet they have. Each child is shown with their answers: Ali (girl, cats); Mei (girl, dogs); Tom (boy, dogs); Zara (girl, cats); Leo (boy, cats); Amy (girl, dogs); Ben (boy, dogs); Isla (girl, cats); Omar (boy, cats); Eve (girl, dogs); Sam (boy, dogs); Noor (girl, cats). Complete the two-way table by counting.

Pet	Cats	Dogs
Boys	<u>?</u>	<u>?</u>
Girls	<u>?</u>	<u>?</u>

- (a) Boys with cats

Answer: 2

- (b) Boys with dogs

Answer: 3

- (c) Girls with cats

Answer: 4

- (d) Girls with dogs

Answer: 3

- 9 Write **true** or **false**. Use the table of clubs.

Club	Football	Netball	Rugby
Year 3	14	12	9
Year 4	11	15	8

- (a) More Year 4 children than Year 3 children play netball.

Answer: True

- (b) Year 3 has 35 children who go to a club.

Answer: True

- (c) Rugby is the least popular club for Year 3 and for Year 4.

Answer: True

- 10 Noah adds the girls' numbers in the travel table: 7, 9, 3 and 5. He gets 25. The table says there are 24 girls. Who is right? Check by adding.

Answer: The table. $7 + 9 + 3 + 5 = 24$

- 11 Boys and girls entered three events on sports day. The grand total is 42. The total for boys is 20. Girls run is 4 and girls swim is 8. How many girls entered the jump?

Answer: 10