

★ ACTIVITY WORKBOOK ★



Everyday Data Detective: Five Days of Tables

Five realistic data puzzles that turn numbers into decisions.

7 Activities

NEW WHAT'S INSIDE?



Start Here: Read Before You Calculate



Day 1: Lunch Vote



Day 2: Library Returns



Day 3: Rain Gauge



Day 4: The Walking Challenge



Day 5: Sort for Recycling



Final Report: What Do the Numbers Tell Us?



STUDENT INFORMATION

NAME

DATE

CLASS



Read the table heading and column labels first. These tables show classroom examples, not real school results.

Find a total: add the amounts.

Find a difference: subtract the smaller amount from the larger amount.

Find an average: add all the amounts, then divide by how many amounts there are. Example: $6 + 9 + 12 = 27$, then $27 \div 3 = 9$.

Write a fraction: put the part over the whole. Example: 4 red counters out of 12 counters is $\frac{4}{12}$, which simplifies to $\frac{1}{3}$.

Answer each question using the table. Include units such as students, books, minutes or kilograms where needed.



Day 1: Lunch Vote

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Lunch choice	Votes
Pasta	28
Sandwich	34
Salad	18

Use the table to answer these questions.

1. Each student voted once. How many students voted?

2. Which choice won, and by how many votes over second place?

3. If 100 students were asked, how many did not vote?





Day 2: Library Returns

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Day	Books returned
Monday	15
Tuesday	22
Wednesday	18
Thursday	25

Use the table to answer these questions.

1. How many books were returned over four days?

2. How many more books came back Thursday than Monday?

3. What was the average number of returns per day?



Day 3: Rain Gauge

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Day	Rain (mm)
Monday	2
Tuesday	0
Wednesday	5
Thursday	3
Friday	0

Use the table to answer these questions.

1. How much rain fell over these five days?

2. On how many days did it rain?

3. How much more rain fell Wednesday than Thursday?





Day 4: The Walking Challenge

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Team	Minutes walked
Blue	45
Green	60
Gold	35
Red	50

Use the table to answer these questions.

1. How many minutes did the four teams record in all?

2. How many more minutes did Green record than Gold?

3. The teams wanted to record 200 minutes in all. How many more minutes did they need?



Day 5: Sort for Recycling

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Material	Kilograms collected
Paper	36
Plastic	24
Metal	12

Use the table to answer these questions.

1. How many kilograms were collected in all?

2. What fraction of the total was paper? Simplify it.

3. How many more kilograms would bring this week's total to 90 kg?





Final Report: What Do the Numbers Tell Us?

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Choose one of the days. What did you notice? What could the class do next? Try starting with “I noticed...” or “Next, we could...”.

Check Your Answers Online!

Scan the QR code or visit the link below to check your answers and find more fun activities on Shark Learning.



sharklearning.com/workbook/everyday-data-detective-grades-4-5

or scan the QR code above

 Keep practising — great things take time! ★