4,768
+ 2,595
7,363

School Fundraiser Ledger

Teacher Guide & Answer Keys

Grade 4 · All levels

Overview

Students act as treasurers for a school fundraiser. They add multi-digit sales totals, subtract costs, estimate to check that answers are reasonable, and solve multistep problems to find out whether the school reaches its goal.

Time: 2 class periods · **Product:** Fundraiser Ledger · **Standards:** 4.NBT.B.4, 4.OA.A.3, 4.NBT.A.3

Suggested pacing

- Day 1: Introduce the challenge, read the scenario together, and work Parts 1–2 in pairs.
- Day 2: Finish the remaining parts and create the final product.
- Wrap-up: Share products and reflect on strategies.

Levels

- **Remedial:** smaller numbers, fewer steps, more structure.
- **Standard:** grade-level numbers and the full set of tasks.
- **Advanced:** harder numbers, extra reasoning and multi-step questions.

All three levels practice the same learning goals, so the class can share and compare work.

Rubric

Category	4 Excellent	3 Good	2 Developing	1 Beginning
Math accuracy	All answers correct	Most answers correct	Some answers correct	Few answers correct
Shows work	Clear work for every step	Work for most steps	Some work shown	Little work shown
Explains thinking	Clear, complete explanations	Mostly clear explanations	Some explanation	Little explanation
Final product	Complete, neat and creative	Complete and neat	Partly complete	Not complete

4,768
+ 2,595
7,363

School Fundraiser Ledger

Teacher Guide & Answer Keys

Grade 4 · All levels

Answer key · Remedial KEY

Part 1: Money Coming In

1. How much was collected in Weeks 1 and 2 together?

$3,563

2. How much was collected in all three weeks?

$5,439

3. How much more was collected in Week 2 than in Week 1?

$1,073

Part 2: Estimate to Check

4. What is your estimate for the three-week total?

$1,200 + $2,300 + $1,900 = $5,400

5. Is your exact total from Part 1 reasonable? Explain.

Yes. $5,439 is close to the estimate $5,400.

Part 3: Money Going Out

6. What were the total costs?

$1,675

7. Profit is the money collected minus the costs. What is the profit?

$5,439 − $1,675 = $3,764

8. Check your subtraction with addition. Write the addition equation.

$3,764 + $1,675 = $5,439

Part 4: Reaching the Goal

9. How much more profit does the school need to reach the goal?

$5,000 − $3,764 = $1,236

10. Write an equation with a letter for the unknown amount.

3,764 + n = 5,000, so n = 1,236

Extension

Profit is now $4,664. No, it still needs $336.

4,768
+ 2,595
7,363

School Fundraiser Ledger

Teacher Guide & Answer Keys

Grade 4 · All levels

Answer key · Standard KEY

Part 1: Money Coming In

1. How much was collected in Weeks 1 and 2 together?

$17,363

2. How much was collected in all three weeks?

$25,710

3. How much more was collected in Week 2 than in Week 1?

$7,827

Part 2: Estimate to Check

4. What is your estimate for the three-week total?

$5,000 + $13,000 + $8,000 = $26,000

5. Is your exact total from Part 1 reasonable? Explain.

Yes. $25,710 is close to the estimate $26,000.

Part 3: Money Going Out

6. What were the total costs?

$9,175

7. Profit is the money collected minus the costs. What is the profit?

$25,710 − $9,175 = $16,535

8. Check your subtraction with addition. Write the addition equation.

$16,535 + $9,175 = $25,710

Part 4: Reaching the Goal

9. How much more profit does the school need to reach the goal?

$20,000 − $16,535 = $3,465

10. Write an equation with a letter for the unknown amount.

16,535 + n = 20,000, so n = 3,465

Extension

Profit is now $19,740. No, it still needs $260.

4,768
+ 2,595
7,363

School Fundraiser Ledger

Teacher Guide & Answer Keys

Grade 4 · All levels

Answer key · Advanced KEY

Part 1: Money Coming In

1. How much was collected in Weeks 1 and 2 together?

$173,635

2. How much was collected in all three weeks?

$257,113

3. How much more was collected in Week 2 than in Week 1?

$78,265

Part 2: Estimate to Check

4. What is your estimate for the three-week total?

$50,000 + $130,000 + $80,000 = $260,000

5. Is your exact total from Part 1 reasonable? Explain.

Yes. $257,113 is close to the estimate $260,000.

Part 3: Money Going Out

6. What were the total costs?

$91,755

7. Profit is the money collected minus the costs. What is the profit?

$257,113 − $91,755 = $165,358

8. Check your subtraction with addition. Write the addition equation.

$165,358 + $91,755 = $257,113

Part 4: Reaching the Goal

9. How much more profit does the school need to reach the goal?

$200,000 − $165,358 = $34,642

10. Write an equation with a letter for the unknown amount.

165,358 + n = 200,000, so n = 34,642

Extension

The wrong amount is $9,000 too much, so the total is $9,000 too much: $266,113.

4,768
+ 2,595
7,363

School Fundraiser Ledger

Teacher Guide & Answer Keys

Grade 4 · All levels

Worked teacher example (Standard, Part 1)

How much was collected in Weeks 1 and 2 together?

$17,363

How much was collected in all three weeks?

$25,710

How much more was collected in Week 2 than in Week 1?

$7,827

Model the first part aloud: read the situation, name the operation, estimate, solve, and check. Then let partners try Part 2.

Look for

- Students use correct notation and units in every answer.
- Students explain why an answer is reasonable (estimates, benchmarks, pictures).
- Final products show the math clearly, not just the answers.