

Module 3

Subtracting Real-Life Whole Numbers

Part 1: Subtraction Facts

Exercise 1-A

1. $16 - 8 = 8$ 2. $12 - 3 = 9$ 3. $9 - 5 = 4$
4. $10 - 4 = 6$

Exercise 1-B

5. 9 6. 5 7. 3 8. 3 9. 2
10. 4 11. 5 12. 6 13. 0 14. 6
15. 1 16. 6 17. 4 18. 7 19. 2
20. 6 21. 0 22. 8 23. 8 24. 4
25. 9 26. 0 27. 5 28. 3 29. 6
30. 9 31. 0 32. 9 33. 7

Part 2: Fact Families

Exercise 2-A

1. 11; 11; 8; 3 2. 8; 15; 15; 7 3. 6; 11; 11; 5
4. 6; 10; 6; 10 5. 4; 9; 13; 9 6. 9; 3; 3; 3
7. 8; 4 8. 5; 10 9. 7; 7

Exercise 2-B

10. $3 + 9 = 12$; $9 + 3 = 12$; $12 - 3 = 9$; $12 - 9 = 3$
11. $1 + 6 = 7$; $6 + 1 = 7$; $7 - 1 = 6$; $7 - 6 = 1$
12. $5 + 9 = 14$; $9 + 5 = 14$; $14 - 5 = 9$; $14 - 9 = 5$

Part 3: Problem Solving Strategy: Choose the Operation

Real-Life Math

Exercise 3-A

1. subtract; 9 2. Add; 204 3. Add; 926
4. Subtract; 9 5. Add; 7,268 6. Add; \$59.90
7. Subtract; 9 8. Add; 5,090

Part 4: Estimate Differences

Exercise 4-A

1. 20 2. 40 3. 40 4. 40 5. 30
6. 30 7. 20 8. 20 9. 20 10. 70
11. 30 12. 20 13. 20 14. 20 15. 30
16. 60 17. 0 18. 20 19. 30 20. 30

Estimating

a. 2	0		b. 1	c. 4	0
0			d. 1	0	
	e. 1	f. 1	0		
		0			h. 2
g. 1	3	0		i. 5	0

Part 5: Subtracting 2-Digit Numbers and 3 Digit Numbers with Regrouping

Exercise 5-A

1. 16 2. 30 3. 9 4. 29 5. 57
6. 39 7. 35 8. 9 9. 24 10. 19
11. 28 12. 19 13. 19 14. 29 15. 26

Exercise 5-B

16. 392 17. 258 18. 233 19. 487
20. 489 21. 147 22. 409 23. 389
24. 318 25. 75 26. 268 27. 378
28. 487 29. 267 30. 308 31. 585
32. 301 33. 190 34. 451 35. 289

Part 6: Zeros in Subtraction

Exercise 6-A

- | | | | | |
|---------|---------|---------|---------|---------|
| 1. 218 | 2. 231 | 3. 303 | 4. 134 | 5. 412 |
| 6. 279 | 7. 177 | 8. 169 | 9. 279 | 10. 349 |
| 11. 239 | 12. 289 | 13. 797 | 14. 229 | 15. 468 |
| 16. 283 | 17. 447 | 18. 697 | 19. 286 | 20. 661 |
| 21. 501 | 22. 277 | 23. 518 | 24. 893 | 25. 179 |

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Exercise 6-B

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|---------|---------|--------|-------|---------|
| 26. 155 | 27. 132 | 28. 36 | 29. 2 | 30. 396 |
|---------|---------|--------|-------|---------|

Part 7: Subtracting Greater Numbers

Exercise 7-A

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|-------------|-------------|-------------|-------------|
| 1. 2,188 | 2. 1,911 | 3. 2,708 | 4. 2,229 |
| 5. 1,767 | 6. 4,489 | 7. 3,888 | 8. 2,444 |
| 9. 5,818 | 10. 4,908 | 11. 3,169 | 12. 2,188 |
| 13. 4,376 | 14. 5,674 | 15. 1,989 | 16. 37,886 |
| 17. 20,908 | 18. 28,339 | 19. 76,489 | 20. 13,828 |
| 21. 37,816 | 22. 28,663 | 23. 71,779 | 24. 36,299 |
| 25. 25,552 | 26. 87,186 | 27. 32,296 | 28. 238,943 |
| 29. 288,088 | 30. 230,420 | 31. 281,543 | 32. 379,272 |
| 33. 453,957 | 34. 334,331 | 35. 214,927 | |

Part 8: Adding and Subtracting Money

Exercise 8-A

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|-------------|-------------|-------------|-------------|
| 1. \$ 0.96 | 2. \$ 9.04 | 3. \$11.38 | 4. \$ 5.92 |
| 5. \$ 4.38 | 6. \$ 4.71 | 7. \$68.52 | 8. \$68.57 |
| 9. \$33.26 | 10. \$24.59 | 11. \$76.66 | 12. \$78.53 |
| 13. \$26.20 | 14. \$35.46 | 15. \$73.08 | 16. \$80.91 |
| 17. \$73.48 | 18. \$67.80 | 19. \$77.54 | 20. \$57.95 |

Real-Life Math

Exercise 8-B

- compact disc 25-pack; rechargeable battery
- digital camera; USB Drive
- MP3 Player; Microfibre monitor cloth

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Part 9: Problem Solving Strategy- Using a Bar Graph

1. Tire sales
2. The number of tires sold.
3. The number of kinds of tires sold.
4. 21
5. All-terrain
6. Radial
7. The number of customers at Tuffy's Tire Shop
8. The number of customers each month at Tuffy's
9. September
10. June
11. October; September; July
12. April
13. Hourly Employees Time Record
14. Andrew
15. Mallory
16. Cathy
17. Mallory
18. Check students' work
19. 135

Real-Life Math

Module #2 Task-Based Activity: Fill out a check register.

OALCF Connection:

- A. Find and Use Information: A2. Interpret documents
- B. Communicate Ideas and Information: B3. Complete and create documents
- C. Understand and Use Numbers: C1. Manage Money

Number	Date	Checks Issued To or Description of Deposit	Amount of Check (-)	Amount of Deposit (+)	Balance	
					\$218	43
	11/18	Deposit		\$94.76	94	76
					313	19
512	11/20	Service Ontario	\$25.00		25	00
					288	19
513	11/21	Bell Canada	\$38.42		38	42
					249	77
	11/22	Deposit		\$110.10	110	10
					359	87
514	11/22	Union Gas	\$73.14		73	14
					286	73

Review

1. 5 2. 8 3. 5 4. 4 5. 6 7. 19
8. 48 9. 29 10. 48 11. 83 12. 229
13. 277 14. 389 15. 489 16. 183
17. 465 18. 172 19. 352 20. 192
21. 2,716 22. 4,129 23. 3,672
24. 3,308 25. 2,583 26. 8,016
27. 43,585 28. 12,514 29. 61,037
30. \$49.01 31. \$6.93 32. \$34.55