

Module 5

Dividing Real-Life Numbers

Part 1: The Meaning of Division

Exercise 1-A

1. 4 2. 4 3. 8 4. 6

Exercise 1-B

6. 2; 2; 2; 2; 2; 5; $10 \div 2 = 5$

7. 7; 7; 2; $14 \div 7 = 2$

8. 8; 8; 2; $16 \div 8 = 2$

Calculating

9. 7 10. 4 11. 6 12. 3

Part 2: Division Facts

Exercise 2-A

1. 6 2. 7

Exercise 2-B

3. 2	4. 3	5. 4	6. 5	7. 6	8. 7
9. 8	10. 9	11. 1	12. 2	13. 3	14. 4
15. 5	16. 6	17. 7	18. 8	19. 2	20. 3
21. 4	22. 5	23. 6	24. 7	25. 8	26. 9
27. 1	28. 2	29. 3	30. 4	31. 5	32. 6
33. 7	34. 8				

Part 3: Fact Families

Exercise 3-A

1. 42; 42; 6; 7 2. 9; 27; 27; 3 3. 5; 30; 30; 6

4. 2; 12; 2; 12 5. 9; 9; 36; 4 6. 12; 4; 3; 3

7. 4; 4 8. 8; 64 9. 49; 7

Exercise 3-B

10. $7 \times 1 = 7$; $1 \times 7 = 7$; $7 \div 1 = 7$; $7 \div 7 = 1$

11. $5 \times 7 = 35$; $7 \times 5 = 35$; $35 \div 5 = 7$; $35 \div 7 = 5$

12. $3 \times 6 = 18$; $6 \times 3 = 18$; $18 \div 6 = 3$; $18 \div 3 = 6$

Part 4: Problem Solving Strategy- Choose the Operation

Real-Life Math

Exercise 4-A

1. multiply; 48
2. divide; 41
3. add; 85
4. subtract; \$10.42
5. subtract; 534
6. multiply; 92
7. multiply; 72
8. divide; 42
9. divide; 6
10. add; \$385
11. subtract; \$3,143

Part 5: Dividing 2-Digit Numbers

Exercise 5-A

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|------------|----------|----------|---------|
| 1. 22R1 | 2. 21R1 | 3. 11R2 | 4. 11R2 |
| 5. 31R1 | 6. 33R1 | 7. 11R1 | 8. 11R4 |
| 9. 12R2 | 10. 11R5 | 11. 15R1 | 12. 27 |
| 13. 11R1 | 14. 16 | 15. 24R2 | 16. 29 |
| 17. 12; R1 | | | |

Part 6: Dividing Larger Numbers

Exercise 6-A

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|---------|---------|---------|-----------|
| 1. 84R1 | 2. 72R4 | 3. 71R2 | 4. 163 R1 |
| 5. 43R1 | 6. 81R1 | 7. 61R1 | 8. 51R3 |
| 9. 131 | 10. 144 | 11. 194 | 12. 138 |
| 13. 123 | 14. 121 | 15. 164 | 16. 210 |

Exercise 6-B

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|---------|---------|-------------|-------|---------|
| 17. 112 | 18. 194 | 19. \$3,526 | 20. 5 | 21. 892 |
|---------|---------|-------------|-------|---------|

Part 7: Zeros in the Quotient

Exercise 7-A

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|-----------|-----------|-----------|-----------|
| 1. 104 | 2. 106 | 3. 302 | 4. 108 |
| 5. 308 | 6. 406 | 7. 102 | 8. 206 |
| 9. 103 | 10. 208 | 11. 209 | 12. 401 |
| 13. 201R2 | 14. 105R1 | 15. 307R1 | 16. 104R1 |

Mental Math

17. 111
18. 107
19. 123
20. 207

Part 8: Dividing Money

Exercise 8-A

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|------------|------------|------------|------------|
| 1. \$2.54 | 2. \$2.54 | 3. \$3.59 | 4. \$4.10 |
| 5. \$2.22 | 6. \$1.27 | 7. \$2.98 | 8. \$1.56 |
| 9. \$1.50 | 10. \$2.65 | 11. \$1.08 | 12. \$1.26 |
| 13. \$4.59 | 14. \$2.08 | 15. \$5.21 | 16. \$3.06 |

Estimating

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|----------|----------|----------|----------|
| 17. more | 18. less | 19. less | 20. more |
| 21. less | 22. less | | |

Part 9: Problem Solving Strategy- Using a Line Graph

Real-Life Math

Exercise 9-A

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|----------|----------|------------------|----------|
| 1. 1,000 | 2. 1,500 | 3. 2,500 | 4. 2,500 |
| 5. 2,000 | 6. 3,000 | 7. 3,500 | 8. 2,000 |
| 9. 5,000 | 10. 100 | 11. March; April | |

Real-Life Math

Module #5 Task-Based Activity: Calculating Bowling Averages

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|--------|--------|--------|--------|--------|
| 1. 148 | 2. 107 | 3. 156 | 4. 141 | 5. 109 |
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Review

1. 8	2. 7	3. 5	4. 5	5. 1	6. 5
7. 24	8. 6 R2	9. 3 R2	10. 18 R2	11. 12 R1	12. 29 R2
13. 29 R4	14. 151	15. 223 R1	16. 108	17. 204	18. 93 R2
19. \$1.50	20. \$1.09	21. \$8.42	22. \$1.08		