

Module 6
Decimals in Real Life

PART 1
Adding and Subtracting Decimals

Exercise 1-A

1. 1.3
2. 2.9

Exercise 1-B

3. Four and one tenth
4. Two tenths
5. Eighteen and five tenths
6. Three and seven tenths

Exercise 1-C

7. 0.8
8. 0.4
9. 0.6
10. 0.1
11. 6.2
12. 9.6
13. 20.5
14. 32.1
15. 50.3
16. 23.6
17. 16.5
18. 43.9

PART 2

Exercise 2-A

1. 0.09
2. 1.82

Exercise 2-B

3. Seven hundredths
4. One and thirty-four hundredths
5. Seven and nineteen hundredths
6. Fifteen and eighty-six hundredths

Exercise 2-C

7. 0.63
8. 0.02
9. 0.89
- 10.15.03
- 11.9.06
- 12.2.12
- 13.5.12
- 14.6.09
- 15.6.6

PART 3**Exercise 3-A**

1. Three thousandths
2. One and one hundred seven thousandths
3. Twelve and three hundred and forty-nine thousandths

Exercise 3-B

4. 0.324
5. 3.041
6. 5.341
7. 41.008

Exercise 3-C

8. 3
9. 7
- 10.1
- 11.4

Critical Thinking

- 12.6.301; 9.301
- 13.6.139; 6.319

PART 4

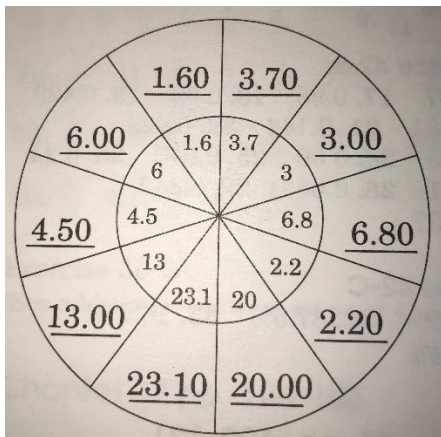
Exercise 4-A

1. <
2. <
3. <
4. >
5. >
6. <
7. <
8. =
9. >
10. <
11. >
12. =

Exercise 4-B

13. 0.2; 0.7; 1.7
14. 0.16; 0.27; 0.35
15. 3.3; 3.303; 3.33
16. 4.01; 4.011; 4.10; 4.101
17. 0.32; 0.34; 0.43; 0.52

Mental Math



PART 5

Exercise 5-A

1. 3

2. 7
3. 4
4. 7
5. 33
6. 28
7. 39
8. 43
9. 82

Exercise 5-B

- 10.3.3
- 11.4.7
- 12.6.9
- 13.9.1
- 14.34.1
- 15.16.9
- 16.43.9
- 17.21.1
- 18.64.6

Exercise 5-C

- 19.3
- 20.40
- 21.20
- 22.9
- 23.40
- 24.40
- 25.30
- 26.5
- 27.20

Exercise 5-D

- 28.16
- 29.3.7
- 30.16.9
- 31.113.3
- 32.0.80

33.100

PART 6

Exercise 6-A

1. \$13.00
2. Yes
3. \$200.00
4. About 10 km
5. \$32.00
6. About 260lb (80 + 180)(other estimates may be acceptable)

PART 7

Exercise 7-A

1. 5.8
2. 7.5
3. 12.79
4. 11.26
5. 16.72
6. 21.24
7. 85.26
8. 61.79
9. 68.6
10. 15.60
11. 89.20
12. 54.25
13. 23.77
14. 56.52
15. 22.46
16. 29.16
17. 103.49
18. 71.69
19. 77.31
20. 48.52
21. 23.74
22. 31.20
23. 54.06
24. 57.06

Exercise 7-B

25.19.5
26.10.62
27.7.59
28.47.08
29.3.82
30.10.33
31.14.97
32.36.79
33.18.43
34.13.85
35.95.96
36.13.77
37.82.09
38.25.63
39.17.03
40.67.23
41.36.67
42.50.52
43.17.38
44.6.52

Exercise 7-C

45. Yes
46. 10.55km

PART 8**Exercise 8-A**

1. 0.6
2. 2.2
3. 2.9
4. 5.1
5. 14.0
6. 39.4
7. 23.5
8. 7.2

9. 16.4
10.35.6
11.38.9
12.54.8
13.1.66
14.4.85
15.21.41
16.45.44

Exercise 8-B

17.2.6
18.5.19
19.5.44
20.6.53
21.4.3
22.3.88
23.0.28
24.0.54
25.73.25
26.11.19
27.13.98
28.34.27
29.60.39
30.18.86
31.81.76
32.51.11

Exercise 8-C

33.\$3.11
34.\$60.07

Calculating

35.4.8
36.4.9
37.\$3.11

Application

1. Don Mattingly
2. 1985
3. 0.005
4. Wade Boggs

Module 6: Decimals in Real Life

Review 1

1. Seven tenths
2. Four and thirty-two hundredths
3. Forty-eight and seven thousandths
4. 9.3
5. 4.09
6. 3.008
7. 0.0031
8. >
9. >
- 10.>
- 11.<
- 12.>
- 13.>
- 14.5
- 15.60
- 16.3
- 17.20
- 18.40
- 19.20
- 20.8.7
- 21.12.6
- 22.7.89
- 23.8.71
- 24.4.4
- 25.5.8
- 26.26.47
- 27.38.11

Multiplying and Dividing Decimals

PART 9

Exercise 9-A

1. 1.44
2. 6.66
3. 4.92
4. 19.0
5. 2,202.6
6. 626.01
7. 307.2
8. 1,256.13
9. 3,767.4
10. \$3,688.16
11. 3,739.923
12. 1,729.266
13. 18,833.74
14. \$4,662.75
15. 2,371.149
16. 1,995.098
17. 1,854.028
18. 657.3
19. \$7,178.25
20. 8,908.90

Exercise 9-B

21. \$1,028.25
22. \$32.85

PART 10

Exercise 10-A

1. 0.56
2. 0.45
3. 0.252
4. 0.415

5. 11.43
6. 0.6798
7. 0.78
8. 1.1124
9. 52.3107
- 10.242.08
- 11.95.0663
- 12.103.81
- 13.374.136
- 14.64.8646
- 15.45.72
- 16.1.33632
- 17.22.4568
- 18.2,041.02
- 19.376.473
- 20.38.52

Exercise 10-B

- 21.5,224.511
- 22.584.12425

PART 11

Exercise 11-A

1. 11.5
2. 1.75
3. 1.4
4. 21.5
5. 10.4
6. 7.42
7. 66.1
8. 0.018
9. 3.107
- 10.0.07
- 11.0.0758
- 12.0.258
- 13.1.04
- 14.2.4

15.5.47
16.0.0204
17.0.0547
18.0.028
19.36.7
20.0.3087

PART 12

Exercise 12-A

1. 39.7
2. 0.9
3. 37
4. 887
5. 463
6. 85.3
7. 2,430
8. 38,160
9. 90

Exercise 12-B

10.0.87
11.1.283
12.0.004
13.0.059
14.0.0082
15.0.00893
16.0.007143
17.0.00416
18.0.03912

Exercise 12-C

19.347
20.7.63
21.0.8436
22.0.016
23.85,100
24.0.09198

25.0.0659

26.1.207

PART 13

Exercise 13-A

Sales at Carole's Comb Out

Day	Shampoo	Conditioner	Gel	Mousse	Total
Monday	3	0	6	0	9
1. Tuesday	0	18	0	3	21
2. Wednesday	13	0	0	19	32
3. Thursday	0	12	16	0	28
4. Friday	14	10	0	0	24

5. Wednesday

6. Conditioner

7. 22

8. Friday

9. 114

PART 14

Exercise 14-A

1. 12

2. 5.5

3. 6.3

4. 0.89

5. 62.6

6. 0.64

7. 31.1

8. 12.3

- 9. 65.4
- 10.0.36
- 11.3.21
- 12.4.25

Exercise 14-B

- 13.1.65
- 14.4.57
- 15.0.478
- 16.0.24
- 17.0.369
- 18.0.963
- 19.31.4
- 20.0.85
- 21.6.3
- 22.1.25
- 23.0.47
- 24.0.27

Exercise 14-C

- 25.2.2

Calculating

- 26.3
- 27.8
- 28.4

PART 15

Exercise 15-A

- 1. 26.3
- 2. 390
- 3. 22.5
- 4. 63.8
- 5. 45.3
- 6. 230
- 7. 52.3
- 8. 96.4

9. 55.325
- 10.854.2
- 11.6.23
- 12.62.9
- 13.3.47
- 14.1.69

Exercise 15-B

- 15.6
- 16.3
- 17.15

Application

1. 0.2016
2. 0.42
3. 28.11
4. 0.8649
5. 0.1445
6. 27.23

Module 6: Decimals in Real Life

Review 2

1. 1.44
2. 7.36
3. 13.8
4. 444.6
5. 6237
6. 0.5663
7. 0.410
8. 1.1803
9. 296.723
- 10.115.08
- 11.785.799
- 12.91.12
- 13.4.52
- 14.0.45
- 15.247.6

16.0.547
17.0.4683
18.62.5
19.21.5
20.56.4
21.63.4
22.44.21
23.3.2