

Top Score Mathematics 5 Answers to Problems Sets

Problem Set 1

- 374
- 4242
- 1554
- 105 R2 or $105\frac{2}{7}$
- 5.97
- 1.93
- 7.2
- 106
- $\frac{7}{9}$
- $7\frac{7}{10}$
- $\frac{1}{2}$
- $2\frac{2}{5}$
- 400,000
- 700
- 60,000
- 70
- 64,000
- 5,000
- 44,000
- 20,000

Problem Set 2

- 564
- 6583
- 1272
- 204
- 11.64
- 4.59
- 26
- 31
- $\frac{4}{7}$
- $10\frac{4}{5}$
- $3\frac{2}{9}$
- $3\frac{1}{2}$
- 5
- 0
- 20,000
- 50
- 4000
- 14,000
- 35,000
- 29,000

Problem Set 3

- 319
- 7681
- 910
- 105
- 4.08
- 5.83
- 7.8
- 32
- $\frac{7}{8}$
- $5\frac{5}{9}$
- $\frac{1}{5}$
- $1\frac{1}{3}$
- 700
- 10,000
- 100,000
- 6000
- 15,000
- 322,000
- 47,000
- 40,000

Problem Set 4

- 558
- 3181
- 420
- 42 R2 or $42\frac{2}{3}$
- 8.59
- 1.84
- 14
- 31
- $\frac{9}{10}$
- $5\frac{1}{2}$
- $\frac{1}{2}$
- $5\frac{2}{5}$
- 70
- 0
- 900
- 7000
- 6000
- 13,000
- 258,000
- 31,000

Problem Set 5

- 479
- 8371
- 704
- 208 R2 or $208\frac{1}{2}$
- 6
- 5.41
- 19.2
- 31
- $\frac{5}{6}$
- $7\frac{4}{5}$
- $\frac{2}{9}$
- $4\frac{3}{8}$
- 500
- 3000
- 0
- 30
- 3,647,000
- 52,000
- 7000
- 13,000

Problem Set 6

- 771
- 5241
- 1512
- 62
- 12.07
- 2.83
- 16.2
- 213
- 1
- $9\frac{1}{2}$
- $\frac{1}{5}$
- $4\frac{1}{2}$
- 600,000
- 200
- 0
- 20,000
- 53,000
- 49,000
- 7000
- 16,000

Problem Set 7

- 1242
- 5169
- 8840
- 509 R5 or $509\frac{5}{6}$
- 9.806
- 4.87
- 181.3
- 321
- $\frac{7}{10}$
- $9\frac{9}{10}$
- $\frac{1}{2}$
- $6\frac{1}{2}$
- 0.131
- 2.439
- 0.04
- 15.03
- 54.29
- 3.63
- 28.92
- 73.80

Problem Set 8

- 510
- 6357
- 21,320
- 509 R2 or $509\frac{2}{5}$
- 6.088
- 17.87
- 83.2
- 362
- $\frac{3}{4}$
- $7\frac{4}{9}$
- $\frac{2}{5}$
- $2\frac{1}{4}$
- 0.04
- 2.711
- 12.106
- 0.213
- 26.15
- 3.85
- 2.51
- 13.50

Problem Set 9

- 409
- 7884
- 77,910
- 322 R3 or $322\frac{3}{8}$
- 8.437
- 24.78
- 147
- 454
- $\frac{5}{8}$
- $9\frac{1}{2}$
- $\frac{1}{8}$
- $7\frac{2}{3}$
- 12.102
- 0.251
- 0.03
- 6.153
- 4.84
- 29.37
- 63.28
- 12.49

Problem Set 10

- 368
- 6558
- 9660
- 365 R1 or $365\frac{1}{7}$
- 10.769
- 27.79
- 140.4
- 331
- $\frac{2}{3}$
- $5\frac{3}{4}$
- $\frac{5}{8}$
- $5\frac{1}{6}$
- 23.021
- 7.61
- 0.03
- 0.241
- 4.36
- 15.01
- 7.14
- 0.02

Problem Set 11

- 669
- 7413
- 8000
- 607 R1 or $607\frac{1}{8}$
- 9.855
- 24.65
- 41.8
- 621
- $\frac{7}{10}$
- $11\frac{7}{8}$
- $\frac{3}{5}$
- $4\frac{1}{3}$
- 0.601
- 26.37
- 0.523
- 14.275
- 37.71
- 0.08
- 6.17
- 8.90

Problem Set 12

- 478
- 4788
- 31,110
- 744
- 15.762
- 15.99
- 140.4
- 503
- $\frac{4}{5}$
- $9\frac{7}{9}$
- $\frac{1}{6}$
- $2\frac{2}{5}$
- 6.03
- 0.46
- 18.671
- 0.943
- 0.01
- 68.70
- 24.89
- 7.30

Problem Set 13

- 4081
- 3538
- 15,390
- 164 R10 or $164\frac{1}{4}$
- 6.806
- 36.71
- 0.296
- 5.7
- $1\frac{3}{8}$
- $8\frac{1}{4}$
- $6\frac{1}{2}$
- $6\frac{1}{2}$
- $\frac{3}{4}$
- $3\frac{1}{2}$
- $\frac{1}{2}$
- $5\frac{2}{3}$
- 6.0
- 0.2
- 5.3
- 9.0

Problem Set 14

- 4936
- 5267
- 29,596
- 53
- 9.589
- 25.66
- 0.078
- 8.6
- $1\frac{5}{12}$
- $6\frac{9}{10}$
- $5\frac{3}{8}$
- $8\frac{4}{9}$
- $\frac{3}{8}$
- $5\frac{2}{3}$
- $\frac{1}{3}$
- $6\frac{3}{10}$
- 1.8
- 15.1
- 2.6
- 8.9

Problem Set 15

- 3518
- 4388
- 10,094
- 26
- 6.381
- 53.58
- 0.252
- 4.2
- $1\frac{4}{15}$
- $9\frac{1}{6}$
- $5\frac{3}{8}$
- $3\frac{3}{7}$
- $\frac{2}{3}$
- $7\frac{1}{4}$
- $\frac{3}{10}$
- $11\frac{2}{3}$
- 3.8
- 11.2
- 8.0
- 4.0

Problem Set 16

- 8488
- 2578
- 10,816
- 56
- 11.008
- 41.47
- 0.282
- 4.7
- $1\frac{1}{6}$
- $9\frac{1}{8}$
- $6\frac{3}{10}$
- $\frac{3}{5}$
- $\frac{3}{5}$
- $3\frac{1}{2}$
- $\frac{3}{4}$
- $4\frac{1}{6}$
- 5.0
- 3.7
- 8.9
- 4.1

Problem Set 17

1. 2858
2. 5639
3. 17,102
4. 64
5. 4.264
6. 11.88
7. 0.196
8. 4.6
9. $1\frac{1}{12}$
10. $13\frac{3}{10}$
11. $2\frac{1}{2}$
12. $2\frac{1}{3}$
13. 0.7
14. 8.02
15. 0.06
16. 2.001
17. 9.4
18. 6.8
19. 3.9
20. 7.4

Problem Set 18

1. 5504
2. 4679
3. 37,634
4. 54
5. 7.178
6. 21.79
7. 0.441
8. 9.3
9. $1\frac{1}{20}$
10. $5\frac{2}{9}$
11. $1\frac{1}{2}$
12. $5\frac{2}{3}$
13. 14.06
14. 0.3
15. 30.199
16. 0.009
17. 9.5
18. 2.6
19. 13.0
20. 10.0

Problem Set 19

1. 5447
2. 5245
3. 33,460
4. 59 R2 or $59\frac{2}{37}$
5. 12.61
6. 1.022
7. 9.45
8. 1.66
9. $11\frac{9}{20}$
10. $14\frac{3}{20}$
11. $4\frac{1}{2}$
12. $3\frac{5}{6}$
13. $\frac{7}{8}$
14. 3.75
15. 0.33
16. $\frac{1}{4}$
17. 133
18. 59
19. 281
20. 31

Problem Set 20

1. 8828
2. 4178
3. 46,911
4. 33 R2 or $33\frac{2}{57}$
5. 17.02
6. 2.378
7. 17.92
8. 2.56
9. $11\frac{7}{20}$
10. $8\frac{1}{6}$
11. $3\frac{1}{8}$
12. $7\frac{1}{2}$
13. $\frac{3}{4}$
14. 5.6
15. $\frac{3}{10}$
16. 0.444
17. 21
18. 63
19. 81
20. 79

Problem Set 21

- 7869
- 3418
- 35,389
- 69
- 16.72
- 1.349
- 10.58
- 6.24
- $8\frac{3}{10}$
- $12\frac{2}{5}$
- $5\frac{1}{12}$
- $3\frac{11}{12}$
- $\frac{3}{4}$
- 0.77
- $\frac{1}{2}$
- 3.6
- 20
- 3
- 15
- 38

Problem Set 22

- 8380
- 4167
- 170,275
- 58
- 18.04
- 2.019
- 42.93
- 2.14
- $6\frac{7}{12}$
- $13\frac{17}{20}$
- $5\frac{1}{4}$
- $\frac{1}{2}$
- $\frac{5}{8}$
- 8.21
- 0.9
- $5\frac{1}{4}$
- 8
- 18
- 56
- 50

Problem Set 23

- 13,616
- 8166
- 16,821
- 45 R3 or $45\frac{3}{61}$
- 23.36
- 0.319
- 8.64
- 5.64
- $10\frac{3}{20}$
- $10\frac{1}{2}$
- $3\frac{1}{12}$
- $6\frac{1}{2}$
- $7\frac{4}{5}$
- 0.6
- 0.875
- $5\frac{3}{4}$
- 19
- 33
- 59
- 89

Problem Set 24

- 12,289
- 2629
- 242,696
- 96 R2 or $96\frac{1}{14}$
- 15.75
- 1.087
- 27.52
- 4.51
- $21\frac{3}{8}$
- $14\frac{1}{3}$
- $3\frac{3}{20}$
- $2\frac{1}{2}$
- $\frac{3}{4}$
- 7.2
- 0.4
- $9\frac{1}{2}$
- 19
- 37
- 87
- 107