

Practice

- a. 7000
- b. 7031
- c. $(2 \times 10,000) + (5 \times 1000) + (7 \times 100) + (8 \times 10)$
- d. 15,307,061,700
- e. Seventy-nine million, two hundred sixty-four thousand, two hundred seventy-four
- f. Sixty-seven million, thirty-six thousand, four hundred sixteen

Problem set

1. a) 40,000 b) 500 c) 8
2. 5,111,311
3. 84464445
4. 71000300330
5. 302,950,060,075
6. 760,000,530
7. Three hundred thirty-eight million, three hundred forty-five thousand, nine hundred thirty-eight
8. Forty-three billion, three hundred forty-two
9. Six million, four hundred thirty thousand
10. Ten million, two hundred three thousand, forty

11. Eighty-eight million, twenty-six thousand, six hundred
12. 302070
13. 4039000
14. 8501
15. $(6 \times 10,000) + (7 \times 100)$
16. $(5 \times 1000) + (3 \times 100) + (5 \times 10) + (5 \times 1)$
17. $(3 \times 100) + (2 \times 10) + (1 \times 1)$
18. 16423
19. 2081
20. \$8.07

Practice

- a. -6, -4, -1, 0, 2, 8
- b. -856, -386, 385, 427, 865
- c. 841,430,000
- d. 3,330,000
- e. 53,857,000
- f. 3,975,000

Problem set

- 1. -32, -22, 4, 14, 45
- 2. -643, -422, 234, 242, 632
- 3. 345, 356, 522, 543, 563
- 4. 6,255,500
- 5. 53,642,000
- 6. 549,300,000
- 7. 666,676,616
- 8. 8,382,588
- 9. 705,035,080
- 10. 65,373,000,052
- 11. One hundred thirty-eight million, five hundred ninety-three thousand, five

12. Seven billion, two million, five thousand four hundred fifty-six
13. 50,343
14. 6205
15. $(2 \times 100,000) + (5 \times 10,000) + (2 \times 1000) + (3 \times 100) + (4 \times 10) + (2 \times 1)$
16. $(4 \times 10,000) + (5 \times 1000) + (1 \times 100) + (1 \times 10) + (2 \times 1)$
17. \$101.62
18. 177744
19. 1816
20. 225128

Practice

- a. \$8.18
- b. 3804
- c. $C = 376$
- d. $R = 510$
- e. $N = 499$
- f. $E = 320$

Problem set

- 1. 7,779,775
- 2. 666,616,666
- 3. 17,000,254,020
- 4. 2,000,750
- 5. $(2 \times 10,000) + (4 \times 1000) + (3 \times 100) + (5 \times 10) + (3 \times 1)$
- 6. $(4 \times 1000) + (6 \times 1)$
- 7. 109
- 8. 374
- 9. 1032
- 10. 976
- 11. $t = 658$
- 12. 108

13. $Q = 809$
14. $S = 511$
15. 50,340
16. 1,003,207
17. \$29.02
18. 14649
19. 129,000,000
20. -398, -325, 383, 457, 464

Practice

- a. \$810.25
- b. 211,116
- c. 254
- d. \$4.66
- e. $E = 25$
- f. 75
- g. $F = 3$

Problem set

- 1. 19,999
- 2. 225
- 3. 74,020
- 4. 111,233,982
- 5. 487,390,000
- 6. -373, -73, 343, 463, 624
- 7. $(5 \times 1000) + (6 \times 100) + (3 \times 1)$
- 8. 40,020
- 9. \$11.49
- 10. 175
- 11. 194

12. 225,285

13. \$1244.30

14. 43,488

15. $Y = 208$

16. $Z = 412$

17. $R = 145$

18. $Y = 5025$

19. 1,635,060

20. 8464

Practice

- a. 9752 people
- b. 98 items
- c. 410 balloons

Problem set

- 1. 1820 people
- 2. 330 players
- 3. \$7.20
- 4. 118,112,119
- 5. 716 R 6
- 6. \$2.02
- 7. \$36.61
- 8. 109278
- 9. $A = 990$
- 10. $K = 899$
- 11. $R = 204$
- 12. $S = 14$
- 13. 6473
- 14. $(3 \times 1000) + (2 \times 10) + (2 \times 1)$
- 15. 94,000,237

16. -753, -441, 135, 144, 647, 735
17. One thousand four hundred eleven
18. 464,382,800
19. 90,766
20. \$63.08

Practice

- a. 600.0372
- b. 325.089
- c. Four thousand four hundred thirty-two and seven thousandths
- d. Twenty-three and twelve millionths
- e. 25.001
- f. 12.942
- g. 422.42424

Problem set

- 1. 32,815,305
- 2. 3243 dancers
- 3. 599,969
- 4. 24,262,222
- 5. 19.98889
- 6. 403.887
- 7. 516 R 6
- 8. 883 R 7
- 9. 158
- 10. 149

11. 3.431
12. 23.74323
13. Four thousand two hundred fourteen and seven hundred twenty-three ten thousandths
14. Three hundred twenty-five thousand, three hundred fifteen and three million, five hundred twelve thousand, three hundred forty-three billionths
15. 38,502.0917
16. 0.000059
17. $r = \$8.63$
18. $t = 168$
19. 5483.945
20. 70.8185

Practice

- a. Estimate = 120; Actual = 143.02603
- b. Estimate = 0.3; Actual = 0.27852
- c. 956.92
- d. 7.42
- e. 3.57

Problem set

1. 2425 magical acts
2. 9585 fans
3. 5,255,555,558,555
4. 2.583
5. 404.2762
6. Estimate = 30; Actual = 35.742
7. Estimate = 0.23; Actual = 0.23303125
8. 0.35
9. 2707 R 2
10. 2134.95
11. 57.3918
12. 5.321376
13. -22, -11, 0, 15, 31

14. 9040.03227
15. Two hundred twenty-five and nineteen thousand, five hundred ninety-one millionths
16. Forty-eight thousand, five hundred eighty-one and two hundred ninety-four thousandths
17. $T = 587$
18. $P = 17$
19. 3810.082
20. 77.97