

Answers to Practice Exercises

Practice Exercise 1

1. 2508
2. -9
3. \$6636
4. 592
5. \$183.96
6. 172

Practice Exercise 2

1. 396
2. 2016
3. 708
4. \$1930.88
5. \$937.62
6. 20
7. 120
8. 155
9. 2
10. 6
11. -84
12. -204
13. 41
14. -8
15. 0.64

Practice Exercise 3

1. $\frac{3}{4}$
2. $\frac{9}{22}$
3. $\frac{5}{11}$
4. $\frac{38}{5}$
5. $\frac{38}{3}$
6. $-\frac{71}{8}$
7. 0.875
8. 5.1875
9. 2.4
10. $1\frac{7}{60}$
11. $\frac{23}{40}$
12. $4\frac{6}{7}$
13. $10\frac{19}{20}$
14. $-7\frac{7}{18}$
15. $1\frac{1}{8}$

Practice Exercise 4

1. 64
2. 76.5
3. 1.75
4. 12.5%
5. 90%

Practice Exercise 4 continued

6. 20%
7. 153
8. \$38.80
9. \$67.50
10. 120

Practice Exercise 5

1. 324
2. 2.25
3. 512
4. 32
5. 15
6. 13
7. 13
8. 41
9. 24 in.
10. 17.54 in.²

Practice Exercise 6

1. 520,000
2. -61,000
3. 0.0123
4. 2.66 23
5. 1454 ft

Practice Exercise 7

1. 31.42
2. 69.40
3. 31.81
4. 88 ft
5. 12,723 cubic feet