

# Answer Key (Units 1–2)

## Unit 1 (p. 5)

- eleven thousand five hundred forty-seven; 40, 7
- eight thousand nine hundred five and three tenths; 8,000, 900, 5,  $\frac{3}{10}$
- two hundred twenty-five thousand three hundred fifty; 200,000, 20,000, 5,000, 300, 50
- four hundred thousand seven hundred thirty-seven and nine hundredths; 400,000, 700, 30, 7,  $\frac{9}{100}$
- three hundred million four hundred thousand twelve; 300,000,000, 400,000, 10, 2
- four million seven hundred thirty-two thousand one hundred sixty-one; 4,000,000, 700,000, 30,000, 2,000, 100, 60, 1
- >   8. >   9. <   10. <

## Unit 1 (p. 6)

- seven thousand eight; 7,000, 8
- eighty-one thousand six hundred forty-three and sixty-two hundredths; 80,000, 1,000, 600, 40, 3,  $\frac{6}{10}$ ,  $\frac{2}{100}$
- three hundred sixty thousand five hundred fifty-six and four tenths; 300,000, 60,000, 500, 50, 6,  $\frac{4}{10}$
- sixty-four million, nine hundred eight thousand twenty; 60,000,000, 4,000,000, 900,000, 8,000, 20
- seventy-three thousand two hundred seventy-eight; 70,000, 3,000, 200, 70, 8

- nine hundred twenty-four thousand sixty-seven; 900,000; 20,000; 4,000; 60, 7
- >                      8. >
- <                        10. >
- >                        12. >

## Unit 1 (p. 7)

- three hundred forty-one thousand eight hundred nine;  $300,000 + 40,000 + 1,000 + 800 + 9$
- sixty-seven thousand eleven;  $60,000 + 7,000 + 10 + 1$
- Hilary
- Craig
- B
- A

## Unit 2 (p. 9)

- 541; 569; 571
- 782; 821; 920
- 613; 639; 931
- 2,707; 2,770; 2,772
- 413,129; 413,219; 431,219
- 19,280; 19,820; 91,280
- 418; 428; 488
- 2,918,670; 2,981,760; 2,987,160
- 36,721,894; 37,621,894; 63,728,914
- 911; 919; 921
- 71,049; 74,091; 74,109
- 1,426; 1,462; 6,412

## Unit 2 (p. 10)

- 307; 311; 320; 321
- 2,596; 2,695; 5,296; 5,692
- 301,246; 310,642; 311,426; 311,462
- 343; 356; 393; 406
- 21,267,491; 21,628,917; 22,974,633; 23,914,278
- 828; 831; 834; 841
- 56,239; 58,326; 67,241; 68,914
- 1,596; 1,659; 1,695; 1,965
- 249,128; 428,129; 429,128; 442,198
- 211; 212; 220; 221
- 5,219; 5,290; 8,290; 9,520
- 1,760; 1,769; 1,798; 1,799

## Unit 2 (p. 11)

- 3,217,269
- Thursday
- Lila
- February
- B
- A

# Answer Key (Units 3–5)

## Unit 3 (p. 13)

- 5,199
- 40,324
- 5,835
- 6,901
- 4,598
- 3,282
- 9,083
- 8,181
- 3,709
- 33,097
- 3,523
- 64,586

## Unit 3 (p. 14)

- 13,166
- 40,899
- 76,930
- 40,506
- 25,558
- 44,481
- 4,077
- 51,536
- 5,682
- 76,584
- 55,093
- 10,286
- 22,945
- 74,899
- 10,793
- 20,465
- 83,950
- 30,130
- 32,608
- 50,040
- 98,442
- 51,633
- 16,711
- 5,008

## Unit 3 (p. 15)

- \$9,686
- \$4,669
- \$15,225
- 562,220 points
- C
- A

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## Unit 4 (p. 17)

- 2,241
- 13,910
- 6,911
- 2,843
- 3,597
- 780
- 1,685
- 14,957
- 17,003
- 16,170
- 31,187
- 40,610

## Unit 4 (p. 18)

- 28,310
- 20,634
- 39,479
- 1,514
- 9,293
- 14,370
- 223
- 5,930
- 682
- 54,024
- 5,487
- 11,462
- 10,083
- 63,293
- 5,919
- 3,655
- 1,110
- 69,030
- 344
- 44,036
- 46,202
- 49,667
- 7,473
- 2,892

## Unit 4 (p. 19)

- \$3,110
- 542 more stamps
- 1,736 more boxes
- 8,503 fewer hits
- D
- A

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## Unit 5 (p. 21)

- 1-2. Check students' work.  
Answers may vary.
- 12 square units
- 20 square units
- 30 square units
- 49 square units

## Unit 5 (p. 22)

- 20 square units
- 10 square units
- 15 square units
- 28 square units
- 18
- 16
- 54
- 40

## Unit 5 (p. 23)

- 35 square inches
- 96 seats
- 280 square feet
- 250 square meters
- C
- A

# Answer Key (Units 6–8)

## Unit 6 (p. 25)

- 4
- 3; 10
- $4 \times 6 = 8 \times 3$
- $18 \times 4 = 3 \times 24$
- $6 \times 3 = 6 \times 3$
- $10 \times 4 = 5 \times 8$
- $4 \times 21 = 28 \times 3$
- $0 \times 10 = 5 \times 0$
- $10 + 2$ ; 10, 2;  $80 + 16$ ; 96
- $10 + 5$ ; 10, 5;  $20 + 10$ ; 30
- $10 + 3$ ; 10, 3;  $50 + 15$ ; 65
- $10 + 6$ ; 10, 6;  $40 + 24$ ; 64

## Unit 6 (p. 26)

- 4
- 5
- 9
- 0
- $2 \times 24 = 16 \times 3$
- $4 \times 5 = 2 \times 10$
- $4 \times 12 = 16 \times 3$
- $0 \times 4 = 3 \times 0$
- $7 \times 9 = 21 \times 3$
- $100 \times 4 = 5 \times 80$
- $15 \times 3 = 15 \times 3$
- $16 \times 4 = 8 \times 8$

- $10 + 6$ ; 10, 6;  $30 + 18$ ; 48
- $10 + 4$ ; 10, 4;  $40 + 16$ ; 56
- $10 + 7$ ; 10, 7;  $50 + 35$ ; 85
- $10 + 8$ ; 10, 8;  $60 + 48$ ; 108

## Unit 6 (p. 27)

- $(1 + 2) \times 5 = n$
- 5
- 10
- 15
- D
- D

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## Unit 7 (p. 29)

- 375
- 1,200; 1,232
- 180; 2,400; 2,586
- $35$  (multiply ones) + 200 (multiply tens) = 235
- $12$  (multiply ones) + 160 (multiply tens) = 172
- $36$  (multiply ones) + 120 (multiply tens) = 156
- $36$  (multiply ones) + 180 (multiply tens) = 216
- $42$  (multiply ones) + 60 (multiply tens) = 102

- $16$  (multiply ones) + 120 (multiply tens) = 136
- $56$  (multiply ones) + 420 (multiply tens) + 2,100 (multiply hundreds) = 2,576
- $27$  (multiply ones) + 450 (multiply tens) + 1,800 (multiply hundreds) = 2,277

- 672
- 794
- 12,786
- 1,375
- 3,336
- 30,534
- 22,246

## Unit 7 (p. 30)

- 500
- 1,113
- 755
- 684
- 564
- 1,336
- 950
- 942

## Unit 7 (p. 31)

- \$87
- 1,715 miles
- 450 blueberry muffins
- 1,360 breakfasts
- B
- A

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## Unit 8 (p. 33)

- 928
- 686
- 495
- 1,200
- 544
- 1,464
- 703
- 676
- 2,430

## Unit 8 (p. 34)

- 1,400
- 720
- 300
- 2,867
- 1,898
- 187
- 1,782
- 4,628
- 4,860
- 882
- 2,185
- 5,481
- 3,450
- 2,975

## Unit 8 (p. 35)

- 3,000 peaches
- 385 miles
- 2,340 dogs
- 360 feet
- D
- A

# Answer Key (Units 9–11)

## Unit 9 (p. 37)

- 19
- 29 R0
- 15 R1
- 13 R3
- 9 R2
- 11 R1
- 12 R1
- 27 R1
- 14 R3
- 17 R1
- 14 R1

## Unit 9 (p. 38)

- 19
- 22 R1
- 13 R3
- 16
- 10 R6
- 15
- 12 R1
- 13
- 12 R2
- 24 R1
- 32 R1
- 12 R4
- 12 R6
- 21 R1

## Unit 9 (p. 39)

- 25 classmates
- 13 shelves
- 18 pages
- 12 loaves
- B
- C

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## Unit 10 (p. 41)

- 81 R3
- 16
- 75
- 121 R2
- 147
- 51 R1
- 176 R2
- 704 R2
- 320 R2

## Unit 10 (p. 42)

- 25
- 176 R2
- 56
- 116 R3
- 108 R2
- 120 R3
- 94 R3
- 246
- 1,205 R1
- 809 R3
- 427 R5
- 681 R1
- 981 R3
- 1918

## Unit 10 (p. 43)

- 31 soccer balls
- 50 bags
- 478 pictures
- 94 eggs
- D
- D

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## Unit 11 (p. 45)

Answers may vary.

- 60,000
- 20,000
- 140,000
- 90,000
- 180,000
- 320,000
- 80,000
- 100,000
- 160,000
- 120,000
- 140,000
- 80,000
- 80,000
- 50,000
- 110,000

## Unit 11 (p. 46)

Answers may vary.

- 10
- 7
- 5
- 180
- 2
- 5
- 30
- 30
- 140
- 500
- 20
- 5
- 2,000
- 3

## Unit 11 (p. 47)

Answers may vary.

- 5 necklaces
- 1,000 baseball cards
- 300 dollars
- 100 stickers
- D
- C

# Answer Key (Units 12–15)

## Unit 12 (p. 49)

1.  $1/100$ ; 0.01; one
2.  $20/100$ ; 0.20; twenty
3.  $25/100$  or  $1/4$ ; 0.25; twenty-five
4.  $15/100$ ; 0.15; fifteen
5.  $53/100$ ; 0.53; fifty-three hundredths
6.  $75/100$  or  $3/4$ ; 0.75; seventy-five hundredths
7.  $1\ 35/100$ ; 1.35; thirty-five hundredths
8.  $1\ 3/100$ ; 1.03; three hundredths

## Unit 12 (p. 50)

1. 30
2. 40;  $0.4 = 0.40$
3. 7;  $0.70 = 0.7$
4. 5;  $0.50 = 0.5$
5. 60;  $0.6 = 0.60$
6. 9;  $0.90 = 0.9$
7. 4;  $0.40 = 0.4$
8. 20;  $0.2 = 0.20$
9. 6;  $0.60 = 0.6$
10. 8;  $0.80 = 0.8$
11. 70;  $0.7 = 0.70$
12. 1;  $0.10 = 0.1$

## Unit 12 (p. 51)

1.  $9/10$ , 0.9
2.  $3/10$ , 0.3
3.  $50/100$ , 0.50
4.  $60/100$ , 0.60
5. C
6. D

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## Unit 13 (p. 53)

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

## Unit 13 (p. 54)

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

## Unit 13 (p. 55)

1. Jesse            2. pen
3. laptop            4. sandwich
5. C                    6. D

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## Unit 14 (p. 57)

1. 0.63            2. 1.31
3. 0.67            4. 0.32
5. 2.15            6. 1.14
7. 4.020            8. 3.438

## Unit 14 (p. 58)

1. 1.96            2. 1.05
3. 3.099            4. 0.598
5. 4.46            6. 0.5
7. 0.129            8. 3.837
9. 3.46            10. 2.10
11. 2.34            12. 5.10
13. 1.09            14. 2.12
15. 3.472            16. 4.597

## Unit 14 (p. 59)

1. \$56.50            2. \$1.49
3. \$22.24            4. 8.15 ounces
5. \$27.75            6. 3.5 miles
7. D                    8. C

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## Unit 15 (p. 61)

1.  $3/6$
2.  $2/8$
3.  $3/9$
4.  $2/6$
5. =
6.  $\neq$

## Unit 15 (p. 62)

1.  $3/6$             2.  $6/8$
3.  $6/9$             4.  $2/6$
5.  $1/2$             6.  $3/6$
7.  $1/3$
8.  $\neq$             9.  $\neq$
10. =            11.  $\neq$
12.  $\neq$             13. =

## Unit 15 (p. 63)

1.  $6/10 = 3/5$
2.  $2/8 = 1/4$
3.  $4/8 = 1/2$
4.  $4/6 = 2/3$
5. B
6. C

# Answer Key (Units 16–18)

## Unit 16 (p. 65)

- 1
- $\frac{1}{2}$
- $\frac{5}{7}$
- $\frac{4}{5}$
- $\frac{1}{8}$
- $\frac{2}{10}$

## Unit 16 (p. 66)

- $\frac{4}{3}$  or  $1\frac{1}{3}$
- $\frac{2}{4}$  or  $\frac{1}{2}$
- $\frac{10}{8}$  or  $1\frac{1}{4}$
- $\frac{2}{6}$  or  $\frac{1}{3}$
- $\frac{5}{3}$  or  $1\frac{2}{3}$
- $\frac{1}{4}$
- $\frac{0}{8}$  or 0
- $\frac{5}{6}$

## Unit 16 (p. 67)

- $\frac{2}{3}$
- $\frac{4}{3} = 1\frac{1}{3}$
- $\frac{2}{4} = \frac{1}{2}$
- $\frac{2}{4} = \frac{1}{2}$
- $\frac{6}{7}$
- $\frac{6}{7}$
- $\frac{2}{5}$
- $\frac{4}{5}$
- $\frac{4}{10} = \frac{2}{5}$
- $\frac{7}{10}$
- $\frac{3}{5}$
- $\frac{2}{5}$

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## Unit 17 (p. 69)

- $\frac{1}{6}$ ;  $\frac{2}{6}$ ;  $\frac{4}{6}$
- $\frac{3}{6}$ ;  $\frac{2}{3}$ ;  $\frac{5}{6}$
- $\frac{1}{8}$ ;  $\frac{1}{2}$ ;  $\frac{5}{8}$ ;  $\frac{7}{8}$
- $\frac{1}{4}$ ;  $\frac{3}{8}$ ;  $\frac{1}{2}$ ;  $\frac{3}{4}$
- $\frac{1}{5}$ ;  $\frac{1}{2}$ ;  $\frac{3}{5}$ ;  $\frac{8}{10}$
- $\frac{1}{10}$ ;  $\frac{1}{5}$ ;  $\frac{1}{2}$ ;  $\frac{6}{10}$
- $\frac{1}{4}$ ;  $\frac{5}{12}$ ;  $\frac{1}{2}$ ;  $\frac{8}{12}$
- $\frac{1}{12}$ ;  $\frac{5}{12}$ ;  $\frac{7}{12}$ ;  $\frac{3}{4}$

## Unit 17 (p. 70)

- $\frac{1}{4} < \frac{1}{2} < \frac{6}{8}$ ;  $\frac{1}{4} < \frac{1}{2}$ ;  
 $\frac{1}{2} < \frac{6}{8}$ ;  $\frac{1}{4} < \frac{6}{8}$
- $\frac{1}{5} < \frac{3}{10} < \frac{1}{2}$
- $\frac{1}{6} < \frac{1}{2} < \frac{2}{3}$
- $\frac{1}{4} < \frac{3}{8} < \frac{1}{2}$
- $\frac{1}{8} < \frac{1}{4} < \frac{5}{8}$
- $\frac{2}{10} < \frac{1}{2} < \frac{3}{5}$
- $\frac{1}{3} < \frac{3}{6} < \frac{2}{3}$
- $\frac{1}{12} < \frac{1}{6} < \frac{3}{6}$
- $\frac{2}{5} < \frac{1}{2} < \frac{3}{5}$
- $\frac{2}{8} < \frac{3}{8} < \frac{2}{4}$

- $\frac{1}{3} < \frac{1}{2} < \frac{4}{6}$
- $\frac{1}{10} < \frac{1}{5} < \frac{3}{10}$
- $\frac{2}{8} < \frac{2}{4} < \frac{7}{8}$
- $\frac{4}{16} < \frac{2}{4} < \frac{5}{8}$
- $\frac{1}{10} < \frac{3}{20} < \frac{1}{2}$

## Unit 17 (p. 71)

- $\frac{2}{8}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$
- $\frac{2}{6}$ ,  $\frac{3}{6}$ ,  $\frac{2}{3}$
- clear glass
- bluefish
- A
- C

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## Unit 18 (p. 73)

- 30; 60; 90; 120; 150
- 180; 240; 210; 240; 240
- 120; 180; 90; 180; 240
- 160; 120; 80; 40; 0
- 80; 160; 240; 640; 200
- 240, 320, 200, 280, 320

## Unit 18 (p. 74)

Check students' work.

## Unit 18 (p. 75)

- \$200
- 40 points
- 400; 450; 500
- D
- B

# Answer Key (Units 19–22)

## Unit 19 (p. 77)

- 8; 10; 12
- 20; 25; 30
- 12; 16; 20; 24
- 12; 24; 30; 36
- 24; 32; 48
- 40; 50; 60
- 6; 9; 12; 15
- 16; 24; 32; 40

## Unit 19 (p. 78)

- 4; 1
- 5; 3; 3; 2
- 2; 4; 5; 4, 2; 5, 2; 6.1; 7, 2
- 14, 5; 15, 3; 16, 0;  
17, 2; 18, 3
- 100, 3; 200, 0; 300, 3;  
400, 4; 500, 2
- 6; 2; 7

## Unit 19 (p. 79)

- 0
- 3
- multiply by 100
- C
- D

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## Unit 20 (p. 81)

Check students' work.

## Unit 20 (p. 82)

- FGH
- JNM or LNK
- ABC, BCD, or CDE
- MK
- BAE or AED
- JK; PQ
- TM; LC

## Unit 20 (p. 83)

- Check students' work.
- Check students' work.
- Check students' work.
- Check students' work.
- D
- A

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## Unit 21 (p. 85)

Check students' work.

## Unit 21 (p. 86)

Check students' work.

## Unit 21 (p. 87)

- $60^\circ$
- $23^\circ$
- C
- B

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## Unit 22 (p. 89)

- rectangle
- scalene triangle
- trapezoid
- right triangle
- rhombus
- parallelogram
- equilateral triangle
- isosceles triangle

## Unit 22 (p. 90)

- Check students' work.
- parallelogram
  - rectangle
  - equilateral triangle
  - right isosceles triangle
  - trapezoid
  - scalene triangle

## Unit 22 (p. 91)

- parallelogram; quadrilateral;  
rhombus
- equilateral triangle
- isosceles triangle
- trapezoid
- D
- C

# Answer Key (Units 23–25)

## Unit 23 (p. 93)

1. 5 faces; 8 edges; 5 vertices; square pyramid
2. 6 faces; 12 edges; 8 vertices; rectangular prism
3. 0 faces; 0 edges; 0 vertices; sphere
4. 2 faces; 2 edges; 0 vertices; cylinder
5. 5 faces; 9 edges; 6 vertices; triangular prism
6. 6 faces; 12 edges; 8 vertices; cube

## Unit 23 (p. 94)

1. sphere
2. cube
3. triangular prism
4. square pyramid
5. tetrahedron
6. cone
7. quadrilateral prism
8. cylinder
9. rectangular prism
10. triangular pyramid
11. cone
12. rectangular prism

## Unit 23 (p. 95)

1. cube
2. cylinder
3. cone
4. rectangular prism
5. triangular prism
6. square pyramid

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## Unit 24 (p. 97)

1. 6
2. 0
3. 1
4. 5
5. 1
6. 2
7. 2
8. 4

## Unit 24 (p. 98)

1. 2
2. 1
3. 0
4. 2
5. 3
6. 2
7. 8
8. 0
9. 1
10. 1
11. 4
12. 2

## Unit 24 (p. 99)

1. 6
2. 1
3. 1
4. 2
5. B
6. D

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## Unit 25 (p. 101)

Check students' work.

## Unit 25 (p. 102)

1.  $\frac{1}{4}$
2.  $\frac{4}{4}$
3.  $\frac{1}{3}$
4.  $\frac{2}{3}$
5.  $\frac{4}{6}$
6.  $\frac{1}{6}$
7. 0.4
8. 0.06
9. 0.7
10. 0.23
11. 0.5
12. 0.53

## Unit 25 (p. 103)

1.  $\frac{1}{4}$ ;  $\frac{3}{4}$
2.  $\frac{1}{2}$
3. 0.42; 0.43; 0.44; 0.45; 0.46; 0.47; 0.48; 0.49
4. A

# Answer Key (Units 26–28)

## Unit 26 (p. 105)

- $6 \times 1,000 = 6,000$  g
- $3 \times 1,000 = 3,000$  g
- $8 \times 1,000 = 8,000$  g
- $12 \times 1,000 = 12,000$  g
- $7 \times 1,000 = 7,000$  g
- $20 \times 1,000 = 20,000$  g
- $9,000 \div 1,000 = 9$  kg
- $40,000 \div 1,000 = 40$  kg

## Unit 26 (p. 106)

- $6 \times 1,000 = 6,000$  mL
- $14 \times 1,000 = 14,000$  mL
- $23 \times 1,000 = 23,000$  mL
- $8 \times 1,000 = 8,000$  mL
- $50 \times 1,000 = 50,000$  mL
- $32 \times 1,000 = 32,000$  mL
- $800 \times 1,000 = 800,000$  mL
- $160 \times 1,000 = 160,000$  mL
- $2,000 \div 1,000 = 2$  L
- $8,000 \div 1,000 = 8$  L

- $26,000 \div 1,000 = 26$  L
- $5,000 \div 1,000 = 5$  L
- $60,000 \div 1,000 = 60$  L
- $120,000 \div 1,000 = 120$  L

## Unit 26 (p. 107)

- 2,000 m
- 4,000 g
- 350 cm
- 4,000 mL
- A
- D

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## Unit 27 (p. 109)

- 48 oz
- 160 oz
- $6 \times 16 = 96$  oz
- $50 \times 16 = 800$  oz
- $5 \times 2,000 = 10,000$  lbs
- $15 \times 2,000 = 30,000$  lbs
- $60,000 \div 2,000 = 30$  T
- $80 \div 16 = 5$  lbs

## Unit 27 (p. 110)

- $5 \times 2 = 10$  c
- $3 \times 4 = 12$  qt
- $5 \times 2 = 10$  pt
- $10 \times 8 = 80$  pt
- $4 \times 4 = 16$  c
- $16 \div 2 = 8$  qt
- $2 \div 4 = 0.5$  gal
- $32 \div 4 = 8$  qt
- $80 \div 4 = 20$  gal
- $200 \div 4 = 50$  gal

- $32 \div 8 = 4$  gal
- $272 \div 16 = 17$  gal
- $380 \div 8 = 47.5$  gal
- $130 \div 4 = 32.5$  gal

## Unit 27 (p. 111)

- 72 in
- 3.75 ft
- 48 oz
- 16 cups
- D
- A

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## Unit 28 (p. 113)

- P = 14; A = 6
- P = 16; A = 16
- P = 8; A = 4
- P = 18; A = 20
- P = 12; A = 7
- P = 24; A = 11
- P = 18; A = 14
- P = 20; A = 16

## Unit 28 (p. 114)

- P = 22; A = 24
- P = 24; A = 35
- P = 26; A = 36
- P = 24; A = 36
- P = 28; A = 33
- P = 26; A = 40
- P = 16; A = 12
- P = 36; A = 56

## Unit 28 (p. 115)

- 2 sq m
- 1,500 sq in
- 154 in
- 84 floor tiles
- D
- D

# Answer Key (Units 29–31)

## Unit 29 (p. 117)

- 4
- 12
- 8
- 12
- 12
- 24

## Unit 29 (p. 118)

- 27 cubic units
- 48 cubic units
- 12 cubic units
- 18 cubic units
- 24 cubic units
- 20 cubic units
- 24 cubic units
- 36 cubic units

## Unit 29 (p. 119)

- 24 cubic units
- 36 cubic units
- 18 cubic units
- 20 cubic units
- 64 cubic units
- 12 cubic units
- C
- C

---

## Unit 30 (p. 121)

Check students' work.

- 7:05
- 11:30
- 6:50
- 7:52
- 40°F
- 8°C
- 18°F
- 32°F

## Unit 30 (p. 122)

Check students' work.

- 3:01; 5:28
- 12:33; 11:51
- 56°F; 38°F
- 22°F; 36 °F
- 1 hour, 9 minutes
- 12°

## Unit 30 (p. 123)

Check students' work.

- 19°
- 58°F
- Check students' work (8:04).
- 1 hour, 17 minutes
- D
- A

---

## Unit 31 (p. 125)

- Check students' work.
- 12
- Large:  
(sausage + olives);  
(cheese +) olives;  
mushroom + olives;  
(sausage +) peppers;  
cheese + peppers;  
mushroom + peppers;  
Small:  
(sausage +) olives;  
cheese + olives;  
mushroom + olives;  
sausage + peppers;  
cheese + peppers;  
mushroom + peppers
- 12

## Unit 31 (p. 126)

- 12
- 4
- 3
- 6
- 6

## Unit 31 (p. 127)

- 27
- 12
- 6
- 15
- C

# Answer Key (Units 32–34)

## Unit 32 (p. 129)

1. pen
2. 9 inches
3. 9
4. Check students' work.
5. gold
6. China
7. 3
8. 1

## Unit 32 (p. 130)

1. mango
2. 300
3. 550 votes
4. 1,650
5. 400 people
6. 115
7. 25
8. 15

## Unit 32 (p. 131)

1. 600 less
2. 1,600
3. 200 more
4. 2,300
5. B

---

## Unit 33 (p. 133)

1. Fixed
2. Variable
3. Variable
4. Fixed
5. Fixed

## Unit 33 (p. 134)

1. \$1,780; \$1,299; \$491
2. \$1,645; \$705; \$3,625

## Unit 33 (p. 135)

1. Check students' work.
2. Check students' work.
3. Check students' work.
4. \$2.95; variable; check students' work.
5. \$25; lunch; movie and popcorn

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## Unit 34 (p. 137)

1. \$150; \$310.70; \$230; \$575;  
\$1,802.15; \$4,083.30

## Unit 34 (p. 138)

1. \$48.50; \$4.00; \$44.50
2. \$181.85

## Unit 34 (p. 139)

1. \$105
2. \$262.50
3. \$1,150
4. \$250

# Answer Key (Practice Assessments 1–2)

## STAAR Practice Assessment 1 pages 140–157

1. D	11. B	24. D	37. B
2. D	12. D	25. B	38. D
3. D	13. A	26. D	39. B
4. D	14. B	27. C	40. D
5. D	15. D	28. D	41. C
6. C	16. D	29. B	42. A
7. B	17. C	30. C	43. A
8. C	18. C	31. B	44. D
9. B	19. D	32. A	45. D
10. A	20. B	33. D	46. 5
	21. C	34. C	47. 30
	22. A	35. D	48. 576
	23. D	36. A	

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## STAAR Practice Assessment 2 pages 158–175

1. A	11. A	24. C	37. A
2. B	12. A	25. D	38. C
3. A	13. B	26. C	39. A
4. B	14. B	27. C	40. B
5. D	15. C	28. B	41. D
6. A	16. B	29. B	42. C
7. C	17. D	30. D	43. A
8. B	18. A	31. D	44. A
9. D	19. B	32. D	45. B
10. D	20. B	33. B	46. 4
	21. B	34. B	47. 37
	22. A	35. C	48. 18
	23. C	36. B	