

Answer Key (Units 1–3)

Unit 1 (p. 5)

- (1, 2, 3, 6); composite
- (1, 2, 4, 5, 10, 20); composite
- (1, 3, 7, 9, 21, 63); composite
- (1, 2, 4, 7, 14, 28); composite
- (1, 2, 3, 6, 7, 14, 21, 42); composite
- (1, 31); prime
- (1,3,9); (1,2,3,4,6,12);
Common Factors: 1, 3; GCF: 3
- (1, 2, 4); (1, 2, 3, 6);
Common Factors: 1, 2; GCF: 2
- (4, 8, 12, 16, 20); (5, 10, 15, 20, 25); LCM: 20
- (9, 18, 27, 36, 45); (15, 30, 45, 60, 75); LCM: 45

Unit 1 (p. 6)

- 5
- 3
- 2
- 10
- 4
- 20
- 12
- 24
- 69

- 4
- 12
- 3
- 2
- 63
- 15
- 18
- 24
- 42

Unit 1 (p. 7)

- every 24 days
- 32
- 17
- every 12 days
- 21
- 84
- C
- A

Unit 2 (p. 9)

- $2^2 \times 3^2$
- $2^4 \times 5^1$
- $2^1 \times 3^3$
- $2^2 \times 3^1 \times 5^2$
- 6×4 ; $3 \times 2 \times 2 \times 2$; $3^1 \times 2^3$
- 2×6 ; $2 \times 2 \times 3 \times 2$; $2^2 \times 3^1$
- 4×10 ; $2 \times 2 \times 2 \times 5$; $2^3 \times 5^1$
- 3×9 ; $3 \times 3 \times 3$; 3^3

Unit 2 (p. 10)

- 1.–10. Check students' work.
- $2^2 \times 7$
 - 2×3^3
 - 5×3^2
 - $2^2 \times 5$
 - 2×3^2
 - $2^4 \times 3$
 - $2^3 \times 3^2$
 - 2^6
 - $5^2 \times 2$
 - 5^3

Unit 2 (p. 11)

- Prime, because it is only divisible by 1 and itself.
- $2^2 \times 3 \times 7$
- 2×31
- $2^2 \times 5^2$
- 3, 17; they can't be divided any further
- 2
- D
- C

Unit 3 (p. 13)

- 4
- 7
- 20
- 5
- 75
- 150
- 4
- 3; |3|
- 2; |2|
- 5; |5|
- 1; |1|
- 16; |16|
- 107; |107|
- 90; |90|

Unit 3 (p. 14)

- 50
- 20
- 300
- 16
- 1,200; -56
- 500; 6
- 9; |9|
- 8; |8|
- 94; |94|
- 2; |2|
- 15; |15|
- 72; |72|
- 200; |200|
- 60; |60|
- 19; |19|

Unit 3 (p. 15)

- 10
- 2,200
- 8
- 45
- 12
- 674
- C
- C

Answer Key (Units 4–6)

Unit 4 (p. 17)

- 15
- 48
- 8
- 7
- 28
- 7
- 15
- 41
- 35
- 1
- 30
- 9

Unit 4 (p. 18)

- 17
- 38
- 100
- 1
- 467
- 9
- 1,420
- 33
- 80
- 151
- 93
- 41
- 71
- 93
- 104
- 144
- 1
- 87
- 252
- 7.28

Unit 4 (p. 19)

- 42 apples
- 17 pencils
- 85 cars
- 41 baseball cards
- 12 eggs
- \$304
- B
- C

Unit 5 (p. 21)

- 1.–12. Answers may vary.
- 40,000
 - 2,000
 - 8,000
 - 20,000
 - 80, 70
 - 100
 - 1,200
 - 900
 - 800
 - 150
 - \$600
 - 8 hours
 - No, because $10 \times 700 = 7,000$, so the answer is not reasonable; it is too low.

Unit 5 (p. 22)

- 1.–8. Answers may vary.
- 15,000
 - 90,000
 - \$104,000
 - \$50
 - 30,000,000
 - 55,000
 - 9,000
 - 240
 - 160 years ago
 8. 240
 - 10,000 crepes
 - \$120,000
 - 80 years old
 - \$6,800
 - 60 miles per hour

Unit 5 (p. 23)

- \$1,250
- \$400
- \$200
- \$600
- No, because $4,000 \times 50 = 200,000$; the answer is too low.
- 40 weeks
- B
- B

Unit 6 (p. 25)

- 267 R1
- $651 \frac{3}{7}$
- 575
- $1,682 \frac{1}{5}$
- 304
- 319.7
- $57 \frac{2}{3}$
- $850 \frac{1}{4}$
- 106.25
- 67.25
- 79.2
- 411.5
- 12.8
- 23
- 15.05
- 18.5

Unit 6 (p. 26)

- $85 \frac{6}{10}$
- 58
- $68 \frac{1}{4}$
- $52 \frac{1}{3}$
- $12 \frac{4}{5}$
- $56 \frac{2}{5}$
- 1,746
- $678 \frac{1}{2}$
- 31.25
- 95.38
- 191.25
- 19.88
- 471.5
- 553
- 69.3
- 18.75

Unit 6 (p. 27)

- \$14.25
- 42
- 63
- 0.23 ft
- 11
- 36
- D
- B

Answer Key (Units 7–9)

Unit 7 (p. 29)

- 0.5
- 0.2
- 0.125
- 0.375
- 0.7
- 0.167
- $\frac{9}{10}$
- $\frac{2}{5}$
- $\frac{7}{25}$
- $\frac{3}{20}$
- $\frac{3}{4}$
- $1\frac{3}{10}$
- $<$
- $<$
- $=$
- $>$
- $=$
- $>$

Unit 7 (p. 30)

- 0.375
- 0.0625
- 0.8
- 0.67
- 0.3
- 0.583
- $\frac{3}{10}$
- $\frac{1}{3}$
- $\frac{13}{50}$
- $2\frac{1}{4}$
- $1\frac{3}{8}$
- $\frac{5}{8}$
- $<$
- $>$
- $<$
- $>$
- $>$
- $<$
- $\frac{1}{20}, 0.25, \frac{3}{5}$
- 0.45, $\frac{6}{8}$, $\frac{12}{12}$

Unit 7 (p. 31)

- $\frac{2}{5}$
- $\frac{13}{20}$
- 0.625
- 3.83
- $1\frac{3}{8}$
- $\frac{52}{125}$
- C
- D

Unit 8 (p. 33)

- 1
- 8
- 151 and -151
- 27 and -27
- $<$
- $>$
- $>$
- $>$
- $<$
- $<$
- $>$
- $<$
- $>$
- $<$
- $<$
- $>$
- $<$
- $<$
- $<$
- $<$
- $<$

Unit 8 (p. 34)

- 7
- 8
- 16
- 252, 252
- 58
- 9
- 14, 14
- 84, 84
- $<$
- $>$
- $<$
- $>$
- $<$
- $<$
- $<$
- $<$
- $>$
- $>$
- $>$
- $>$
- $>$
- $<$
- $<$
- $<$
- $>$

Unit 8 (p. 35)

- A
- 7, -2, 4, 5
- C
- 12, 10, -14, -20
- B
- 143, -118, -36, 60, 125
- B
- A

Unit 9 (p. 37)

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

Unit 9 (p. 38)

- $\frac{1}{2}, <$
- $1\frac{1}{4}, >$
- $\frac{1}{2}, <$
- $\frac{5}{8}, <$
- $\frac{5}{9}, <$
- $\frac{9}{10}, <$
- $\frac{5}{8}, <$
- $\frac{1}{8}, <$
- $\frac{18}{35}, <$
- $\frac{11}{12}, <$
- $\frac{7}{15}, <$
- $\frac{5}{6}, <$
- $1\frac{1}{10}, >$
- $\frac{13}{24}, <$
- $\frac{19}{21}, <$
- $\frac{31}{40}, <$

Unit 9 (p. 39)

- $\frac{7}{8}$
- $\frac{13}{20}$
- $\frac{6}{35}$
- 5 pages
- $\frac{3}{8}$
- 9 sections
- D
- A

Answer Key (Units 10–12)

Unit 10 (p. 41)

Table: -7 , Negative; $+3$, Positive

- $+3$
- -6
- $+2$
- $+1$
- -3
- -8
- -4
- $+7$
- $(+) + (+) = (+)$
 $(-) + (-) = (-)$
 $(+) + (-) = (+)$ or $(-)$

Unit 10 (p. 42)

- $75^{\circ}\text{F} + 20^{\circ}\text{F} = 95^{\circ}\text{F}$
- $(-2) + (-5) = -7$
- $(+12) + (-5) = 7$
- $-10^{\circ}\text{F} + 30^{\circ}\text{F} = 20^{\circ}\text{F}$
- The sum of two integers with the same sign has the same sign as the addends.
- The sum of two integers with different signs has the same sign as the addend with the larger absolute value.

Unit 10 (p. 43)

- | | |
|-----------|-----------|
| 1. $+27$ | 2. -25 |
| 3. $+2$ | 4. -2 |
| 5. 68 | 6. -29 |
| 7. 14 | 8. 18 |
| 9. 7 | 10. -37 |
| 11. -10 | 12. 68 |
| 13. -53 | 14. 27 |

Unit 11 (p. 45)

- $(+4) - (+3) = +1$;
 $4 + (-3) = 1$
- $(-5) - (+2) = -7$;
 $-5 - 2 = -7$
- $(+4) - (-2) = 6$;
 $4 + 2 = 6$

Unit 11 (p. 46)

- $+7$
- $+3$
- -7
- -2
- Yes; check students' explanations.
- $+1$
- -11
- -6
- -25
- -3
- -40

Unit 11 (p. 47)

- $(-45) - (-20) = -25$;
Benjamin was 25 feet farther below the surface than Suzanne.
- $15,765 - (-282) = 16,047$ feet
- $92^{\circ}\text{F} - (-10^{\circ}\text{F}) = 102^{\circ}\text{F}$
- $(-10) - (-2) = -8$

Unit 12 (p. 49)

- $+15, +88, +72$
- $(-10), -11, -40$
- $+2, +4, +2; +3, +5, +5$
- $-4, -7; -3, -2, -5, -9$

Unit 12 (p. 50)

- | | |
|-----------|------------|
| 1. 90 | 2. -120 |
| 3. 72 | 4. -135 |
| 5. 10 | 6. 7 |
| 7. -10 | 8. -9 |
| 9. 7 | 10. -4 |
| 11. -5 | 12. -100 |
| 13. -27 | 14. 15 |
| 15. -15 | 16. 2 |

Unit 12 (p. 51)

- $(-6 \text{ ft}) \times 5 = -30 \text{ ft}$; Samson descended 30 feet.
- $(-\$20) \times 6 = -\120
- $(-50 \text{ points}) \div 5 = -10 \text{ points per target}$
- $(-\$250) \div 5 = -\50 ; Laurie withdrew $\$50$ per week.

Answer Key (Units 13–15)

Unit 13 (p. 53)

- 5:15
- 6:5
- 5:4
- 4:6
- 3:8
- 3:5
- 10/16
- 6/12
- 8/12
- 3/18
- 50/90
- 8/10
- 1:3
- 1:5
- 1:2
- 6:8
- 8:9
- 2:3
- 1:5
- 3:4

Unit 13 (p. 54)

- 7:6, 6:7, 1:26
- 10:3, 3:5, 1:2
- 1:3, 3:55, 1:55
- 11:10, 10:11, 1:21
- 6, 8; 20, 40, 50; 1:5
- 4, 8; 12, 18; 2:3
- 1:3
- 1:5
- 7:8
- 1:2
- 2:3
- 1:2
- 1:3
- 2:3
- 4:5
- 3:4
- 3:4
- 20:21

Unit 13 (p. 55)

- 2:3
- 1:1
- 2:3
- 1:5
- 2:3
- 1:4
- C
- D

Unit 14 (p. 57)

- 25, 2; 25:1; 25 km
- 1 for \$6
- 1:20
- 1:\$9.20
- 1:60
- 1:2
- 1:30
- 1:8
- 1 for \$5
- 1:60
- 1 for \$0.10
- 1:6
- 100 mi
- 120 km
- 320 km
- 10 hr
- 1 hr
- 2 hr
- 105 mph
- 20 kph
- 10 m/sec

Unit 14 (p. 58)

- 4:1
- 1:8
- 2:1
- 6/1
- 4/1
- 7/1
- 1:\$11.33
- 3:1
- 1:\$0.40
- 440 mi
- 120 mi
- 150 km
- 6 hr
- 20 hr
- 5 hr
- 50 mph
- 5 kph
- 2 m/sec
- 1 mi/min or 60 mph
- 17 km/min or 1,020 kph
- 40 m/min or 2,400 m/hr

Unit 14 (p. 59)

- 5 for \$1.00; 20 cents
- 10 for \$3.00; 30 cents
- dozen for \$7.00
- supermarket
- 100 hr
- 50 cars/hr
- B
- D

Unit 15 (p. 61)

- 42%
- 1%
- 30%
- 75%
- 36%
- 0.5; 50%
- 0.65; 65%
- 0.03; 3%
- 0.08; 8%
- 0.5; 50%
- 0.12; 12%
- 0.05; 5%
- 0.42; 42%
- 0.01; 1%
- 0.07; 7%
- 0.58; 58%
- 0.23; 23%
- 0.09; 9%
- 0.15; 15%
- 0.04; 4%
- 0.75; 75%

Unit 15 (p. 62)

- 0.59
- 0.04
- 0.36
- 0.60
- 0.25
- 0.50
- 0.25; 25%
- 0.60; 60%
- 0.30; 30%
- 0.50; 50%
- 7/10; 70%
- 20/100; 20%
- 8/100; 8%
- 65/100; 65%
- 50/100; 0.50
- 90/100; 0.90
- 2/100; 0.02
- 100/100; 1.00

Unit 15 (p. 63)

- 65%
- 80%
- 20%
- 25%
- 60%
- 40%
- B
- C

Answer Key (Units 16–18)

Unit 16 (p. 65)

1. $2s$
2. $s + 2$
3. $s - 2$
4. $s/2$
5. $n + 6$
6. $n/10$
7. add 1; $x + 1 = y$
8. multiply by 2; $2x = y$
9. multiply by \$15; $\$15s = y$
10. divide by 12; $n/12 = y$

Unit 16 (p. 66)

1. a
2. $8n$
3. a number multiplied by 7; v
4. n ; $n/2$
5. a number plus 1, times 4; y
6. n ; $n - 3$
7. a number plus 10, divided by 6; n
8. n ; $n^2 + 1$
9. divide input by 3; $y = x/3$
10. input squared + 1; $y = x^2 + 1$
11. multiply number of rides by \$2.50; $y = \$2.50r$
12. divide number of quarts by 4; $y = n/4$

Unit 16 (p. 67)

1. 3, 7, 8
2. 60 feet
3. 2,116 square yards
4. 19,044 square feet
5. answers may vary, but may include $P = 3(s^2/s \times 4)$
6. 156 feet
7. A

Unit 17 (p. 69)

1. $y = x + 7$; $x = y - 7$
2. $y = x - 4$; $x = y + 4$
3. $y = x/5$; $x = 5y$
4. $w = 8g$; $g = w/8$
5. $s = p/6$; $p = 6s$

Unit 17 (p. 70)

1. $y = x + 15$; $x = y - 15$
2. $a = b + 5$; $b = a - 5$
3. $r = 7s$; $s = r/7$
4. $A = s^2$; $s = A/s$
5. $4r = p$ or $r = p/4$
6. $s = 20w$ or $w = s/20$

Unit 17 (p. 71)

1. $p = 3s$
2. $s = p/3$
3. $m = 3/4 \times p$ or $3p \div 4$
4. D
5. C

Unit 18 (p. 73)

1. $n \div 3 = 6$
2. $n + 2 = 16$
3. $y = 2x$
4. $a = c/2$
5. $n + 8 = 32$
6. $b - 4 = n$
7. $p + 3 = 31$
8. $8p = 14$
9. $y = x + 2$
10. $y = 7x$

Unit 18 (p. 74)

1. $n \div 7 = 3$
2. $y = x + 5$
3. $s = t/2$
4. $(a + 8) 2 = b$
5. $2g = 10$
6. $x^2 + 2 = y$
7. $s - 5 = 47$; $s = 52$
8. $8p = \$17.60$; $p = \$2.20/\text{lb}$
9. $y = x + 4$
10. $w = 21h$; hours

Unit 18 (p. 75)

1. $m = n/3 + 2$
2. $c = 4b$
3. $2h = m$
4. $t/9 = g$
5. $3w + 2 = m$
6. B
7. C

Answer Key (Units 19–22)

Unit 19 (p. 77)

1. right
2. obtuse
3. acute
4. obtuse
5. acute
6. right
7. right
8. acute
9. acute
10. right
11. 50°

Unit 19 (p. 78)

1. obtuse
2. right
3. acute
4. obtuse
5. acute
6. right
7. 180°
8. 60°
9. 30°
10. 60°
11. true
12. obtuse or greatest

Unit 19 (p. 79)

1. B, because all three angles are less than 90°
2. C, because it is a right triangle, which means no angle is greater than 90°
3. 110°
4. 25°
5. 76°
6. $M = 50^\circ$
7. D
8. A

Unit 20 (p. 81)

1. C
2. A
3. E
4. B
5. 90°
6. 85°
7. 116°
8. 70°

Unit 20 (p. 82)

1. square
2. rectangle
3. trapezoid
4. parallelogram
5. rhombus
6. quadrilateral
7. A
8. A, B, D, E
9. A, B, D, E
10. A, B
11. 120°
12. 58°
13. 45°
14. 55°

Unit 20 (p. 83)

1. squares, rectangles, because they have right angles
2. squares, rectangles, parallelograms
3. rectangle, rhombus
4. square, rhombus
5. 57°
6. 240°
7. B
8. B

Unit 21 (p. 85)

Check students' work.

Unit 21 (p. 86)

Check students' work.

Unit 21 (p. 87)

- 1.–4. Check students' work.
4. 8, 12, 16
5. B
6. C

Unit 22 (p. 89)

1. 70°
2. 110°
3. 180°
4. 130°
5. 50°
6. 90°
7. 160°
8. 30°

Unit 22 (p. 90)

Check students' work.

Unit 22 (p. 91)

1. CDE
2. Check students' work.
3. 30°
4. 60°
5. B
6. D

Answer Key (Units 23–26)

Unit 23 (p. 93)

- 500 cm
- 8 m
- 3.5 m
- 6,000 m
- 1.75 kg
- 4,300 g
- 2,250 mL
- 5 L
- 5 yd
- 60 in.
- 3,520 yd
- 4 lb.
- 6,000 lbs.
- 10 c
- 2 1/2 gal
- 12 c

Unit 23 (p. 94)

- 6,000 cm
- 72,000 m
- 45 m
- 250,000 mg
- 5,800 m
- 0.75 L
- 87,000 mL
- 400,800 cm
- 18.9 km
- 6.125 km
- 12,320 yd
- 4.2 t
- 768 oz
- 65 yd
- 540 in.
- 251 yd
- 21 gal
- 128 pt
- 3.5 kg
- 8,800 yd

Unit 23 (p. 95)

- 1 qt
- 58,000 m
- no
- 4,000
- 3 inches
- 0.5 L
- C
- B

Unit 24 (p. 97)

- 42 minutes
- 4.12 kg
- 20 oz
- 4 lbs. 3 oz
- 9 in.
- 8°C
- 20 km
- 5 days
- 17°
- 76°

Unit 24 (p. 98)

- 180 min
- 83,000 yd
- 4.25 t
- 5 lbs. 4 oz
- 45 in.
- 28°C
- 1,200 m
- 3 hours
- 115.8 ounces
- 5 5/8 lbs.

Unit 24 (p. 99)

- 4:10 P.M.; 7 hours 35 minutes
- 15 gallons
- 6.2 hours
- 50 cm
- 17°
- 7 lbs.
- D
- A

Unit 25 (p. 101)

- 60; 60; 240 cm
- 5, 3, 6; 14 m
- 12, 19; 62 ft
- c = ~150 cm
- c = ~15 ft

Unit 25 (p. 102)

- Answers may vary.
- ~41 m
 - ~120 m
 - ~225 m
 - ~360 m
 - ~60 ft
 - ~800 m
 - ~280 cm
 - ~90 yd

Unit 25 (p. 103)

- 13 ft
- 33 cm
- 80 ft
- D
- A

Unit 26 (p. 105)

- 600 ft²
- 12.5 cm²
- 18 m²
- 400 cm²
- 6 m²
- 750 ft²

Unit 26 (p. 106)

- 25 m²
- 12 m²
- 28 m²
- 21 m²
- 77 in²
- 81 cm²
- 24 m²
- 70 ft²
- 21 yd²
- 80 km²

Unit 26 (p. 107)

- 168 ft²
- 16.7 yd²
- 13.5 cm²
- 15 yd²
- 3,000 in.²
- 1,260 cm²
- A
- C

Answer Key (Units 27–29)

Unit 27 (p. 109)

1. 108 units³
2. 75.6 in³
3. 70 ft³
4. 28 cm³
5. 97.5 m³
6. 166.375 in³
7. 232.8 ft³
8. 421.875 in³
9. 181.5 ft³

Unit 27 (p. 110)

1. 55.69 m³
2. 34.33 in³
3. 86.33 ft³
4. 91.46 in³
5. 140 in³
6. 75.6 in³
7. 43.56 cm³
8. 107.6 m³
9. 12.17 ft³
10. 270.51 cm³
11. 1,423.83 in³
12. 98 ft³

Unit 27 (p. 111)

1. 4 1/4 ft³
2. 63 ft³
3. 561 1/8 in³
4. 0.5 m³
5. 240,000 mL
6. 205 m³
7. D
8. C

Unit 28 (p. 113)

Check students' work.

1. A or B
2. 1, 2, 3, or 4
3. A1, A2, A3, A4, B1, B2, B3, B4
4. 8
5. 4
6. 6

Unit 28 (p. 114)

Check students' work.

1. 1, 2, 3, 4, 5, 6
2. A, B, C
3. 1A, 1B, 1C, 2A, 2B, 2C, 3A, 3B, 3C, 4A, 4B, 4C, 5A, 5B, 5C, 6A, 6B, 6C
4. make a tree diagram
5. 36
6. 9
7. 8

Unit 28 (p. 115)

1.–2. Check students' work.

3. B
4. B

Unit 29 (p. 117)

Check students' work.

1. square, triangle, circle, or diamond
2. 4
3. 1/4
4. 1/4
5. 3/4
6. 1/6
7. 1/6
8. 5/6
9. 3/6 or 1/2
10. 3/6 or 1/2
11. 2/6 or 1/3

Unit 29 (p. 118)

Check students' work.

1. 1/12
2. 6/12 or 1/2
3. 6/12 or 1/2
4. 4/12 or 1/3
5. 3/12 or 1/4
6. 4/12 or 1/3
7. 9/12 or 3/4
8. 10/12 or 5/6
9. 7 are jelly; 13 are not jelly
10. 1/6
11. 3/6 or 1/2
12. 1/4
13. 3/4

Unit 29 (p. 119)

Check students' work.

1. 1
2. 1/8
3. 4/8 or 1/2
4. 2/8 or 1/4
5. D
6. B

Answer Key (Units 30–32)

Unit 30 (p. 121)

- \$48, \$35, \$50, \$27, \$25, 5;
Mean = \$37;
\$27, \$35, \$48, \$50;
Median = \$35
- 1; 0.75
- 19.1; 19.5
- 21; 22
- 88; 89
- 2.3; 2
- 19
- 3.75, 4.25
- \$27; \$26; \$25
- \$216.33; \$209; none

Unit 30 (p. 122)

- 79; 80; none
- 93; 92; 92
- 84; 85; none
- 89; 88; 88
- 1; 0.5; 0.25
- 94.75; 95.5; 96
- 8.7; 8.5; 8
- 3; 3; 2.5
- 33.4; 34; none
- 1.75; 1; none

Unit 30 (p. 123)

- 84.5
- 40
- 40 minutes
- 98
- 18
- 1.1
- B
- C

Unit 31 (p. 125)

- Check students' work.
- 15
 - 5
 - 1
 - 1
 - Check students' work.
 - 3
 - 2
 - 15 9. 2

Unit 31 (p. 126)

- Check students' work.
- 6
 - 10
 - 10
 - Mode; it shows most students spend 10 hours studying each week.
 - 2
 - 2
 - 3
 - 5
 - 2.5
 - Mode; it shows the greatest number of students study 2 hours a night.

Unit 31 (p. 127)

- Check students' work.
- 6
 - 83
 - 84
 - 4
 - 3, 4, and 5
 - 4
 - C
 - A

Unit 32 (p. 129)

- Check students' work.
- 15
- No, they scored above and below 22 points an even number of times.
- Check students' work.
- 11
- 220
- the top sales
- 20

Unit 32 (p. 130)

- Check students' work.
- 13
- 30
- 85
- 6
- 7
- Check students' work.
- 20
- 12
- 5
- 18

Unit 32 (p. 131)

- 6. Check students' work.
1. 30; 15; 15
- Check students' work.
- 18
- 28
- 28
- 3
- C
- D

Answer Key (Units 33–36)

Unit 33 (p. 133)

1. Check students' work.
2. Answers may vary.
3. 28
4. 14
5. Check students' work.
6. Grade 6
7. Grade 7

Unit 33 (p. 134)

1. Answers may vary, with line graph or bar graph being acceptable.
2. Check students' work.
3. Answers may vary.
4. Tuesday and Wednesday
5. 20% more likely
6. 2 days (Monday and Friday)

Unit 33 (p. 135)

1. Answers may vary, with double bar graph being the best answer.
2. Answers may vary, with circle graph being the best answer.
3. B
4. D

Unit 34 (p. 137)

1. 80, 82, 83, 85, 87, 90, 92, 92, 93, 97, 98
2. 80
3. 98
4. 90

Unit 34 (p. 138)

1. 75; 60; 97; 37; 67; 83
2. Check students' work; 22

Unit 34 (p. 139)

Check students' work.

Unit 35 (p. 141)

Check students' work.

Unit 35 (p. 142)

1. Debit card; check students' work.
2. Credit card; check students' work.
3. Credit card; check students' work.
4. Debit card; check students' work.

Unit 35 (p. 143)

1. \$162
2. \$1.68, \$105.71; \$1.32, \$77.03; \$0.96, \$47.99; \$0.60, \$18.59
3. \$6.82
4. \$168.80

Unit 36 (p. 145)

1. \$213.12
2. \$599.80
3. \$1,175.15
4. \$1,253
5. \$228.06
6. \$1,147.54

Unit 36 (p. 146)

1. \$692.90, \$317.90, \$161.55, \$86.05, \$1,086.05, \$986.05, \$335.90, \$185.90; yes
2. \$1,265.34, \$1,940.34, \$965.34, \$889.74, \$753.96, \$597.62, \$643.12; unentered check (missing check number)

Unit 36 (p. 147)

Check students' work.

Answer Key (Practice Assessments 1–2)

STAAR Practice Assessment 1 pages 148–168

1. A	12. A	26. D	40. A
2. 0.23	13. D	27. B	41. 84
3. D	14. C	28. B	42. A
4. B	15. B	29. D	43. D
5. A	16. B	30. C	44. B
6. B	17. A	31. A	45. C
7. D	18. C	32. D	46. C
8. B	19. 41	33. C	47. A
9. D	20. D	34. B	48. D
10. B	21. A	35. 25	49. B
11. C	22. A	36. B	50. B
	23. C	37. C	51. A
	24. D	38. D	52. C
	25. A	39. B	

STAAR Practice Assessment 2 pages 169–190

1. A	12. B	26. D	40. 105
2. 0.62	13. D	27. B	41. C
3. B	14. C	28. A	42. B
4. D	15. B	29. C	43. 4.5
5. D	16. C	30. C	44. C
6. D	17. A	31. A	45. B
7. B	18. A	32. C	46. C
8. A	19. A	33. A	47. A
9. C	20. 400	34. C	48. C
10. B	21. C	35. D	49. D
11. C	22. A	36. A	50. A
	23. D	37. B	51. B
	24. B	38. D	52. C
	25. B	39. A	