

- 3
1. 3
 2. 9 r 9
 3. 10 r 1
 4. 7
 5. 8 r 1
- 4
- Clockwise, starting from the top:
8; 3; 5; 9; 2; 4
- 5
1. \$28
 2. \$2.01
 3. \$7.24
- 6
1. 5 weeks
 2. 6 tables; 8 people at the extra table
 3. 178 miles
 4. 12 pieces of candy; 16 pieces left over

Lesson 75

- 1
- 480 r 5; Check: $480 \times 20 = 9,600 + 5 = 9,605$
 231 r 9; Check: $231 \times 34 = 7,854 + 9 = 7,863$
 486 r 77; Check: $486 \times 87 = 42,282 + 77 = 42,359$
 348 r 25; Check: $348 \times 65 = 22,620 + 25 = 22,645$
- 2
- 7 r 53; 7 r 8; 7 r 50; 5 r 33
 69 r 60; 143 r 2; 21 r 17; 19 r 4
 FORGIVEN
- 3
- not reasonable; reasonable; reasonable
 not reasonable; not reasonable
- 4
1. 5 r 14
 2. 6 r 19
 3. 50 r 7
 4. 6 r 1
- 5
- \$11.16; \$20.26
 \$3.55; \$150.00
- 6
- square; oval; triangle; octagon
 pentagon; hexagon; rectangle

Lesson 76

1. \$.90; \$1.49; \$13.30; \$4.97
2. 606; 500; 506 r 6; 502
3. 8 r 2; 69 r 62; 7 r 21
 124 r 4; 21 r 1

4. 8 r 11; 13 r 41; 15 r 6
 8 r 44; 3 r 3
- 5.
1. triangle
 2. rectangle
 3. square
 4. trapezoid
 5. rectangular pyramid

- 6.
1. \$82
 2. \$.38
 3. \$4.71
 4. \$33.00

- 7.
- square; oval; triangle; octagon.
 pentagon; hexagon; rectangle

Lesson 77

1. 5; 15; 4; 5; 2
2. \$97; \$3.25; \$6.49
 \$9.67; \$3.04; \$.98
3. 50; ok; 102
 \$1.05
4. 12:47; 5:25; 9:15; 6:10
5. 8; 50; 21; 14 r 31
 65 r 18; 19 r 14; 13 r 22
 HONESTY
- 6.
1. \$150.61
 2. \$40.50
 3. \$.92

Lesson 78

- 1.
1. 12 stacks
 2. 6 trays
 3. 40 hours
 4. \$110.00
2. 50; 140; 50; 70
- 3.
1. \$1.05
 2. \$5.00
 3. \$26.25
 4. \$131.70
4. 11 r 41; 90 r 52; 50; 3 r 4

5. Answers will vary.
6. $n = 178$; $n = 87$; $n = 63$; $n = 378$
 $n = 30$; $n = 11$

Lesson 79

- 1.
1. 9 combinations
 2. 8 combinations
- 2.
- Love – COMPOSITE
 Faithfulness – COMPOSITE
 Patience – COMPOSITE
 Kindness – COMPOSITE
 Self-Control – PRIME
 Goodness – COMPOSITE
 Peace – PRIME
 Joy – PRIME
 Gentleness – COMPOSITE
3. 2:57; 11:18; 5:05; 12:45
4. $n = 20$; $n = 56$; $n = 725$; $n = 17$
5. Teacher check
- 6.
1. 200,556
 2. 1,300,427
 3. 762
 4. 4,040
 5. 9,600,000,020
 6. 83

Lesson 80

1. decade; centuries;
 millennium, AD.
2. 13 11 26
3. $100 \times 20 = 2,000$; $500 \times 20 = 10,000$
 $800 \times 10 = 8,000$; $300 \times 30 = 9,000$
4. \$3.11; \$3.15; \$21.60 \$3.98
- 5.
- | | |
|---------|---|
| 387,420 | $300,000 + 80,000 + 7,000 + 400 + 20 + 0$ |
| 501,694 | $500,000 + 0 + 1,000 + 600 + 90 + 4$ |
| 945,107 | $900,000 + 40,000 + 5,000 + 100 + 0 + 7$ |
| 830,753 | $800,000 + 30,000 + 0 + 700 + 50 + 3$ |
6. 55; 24; 15; 8; 17; 6
7. 6,285; 7,728; 31,089; 6,789; 11,178; 31,496

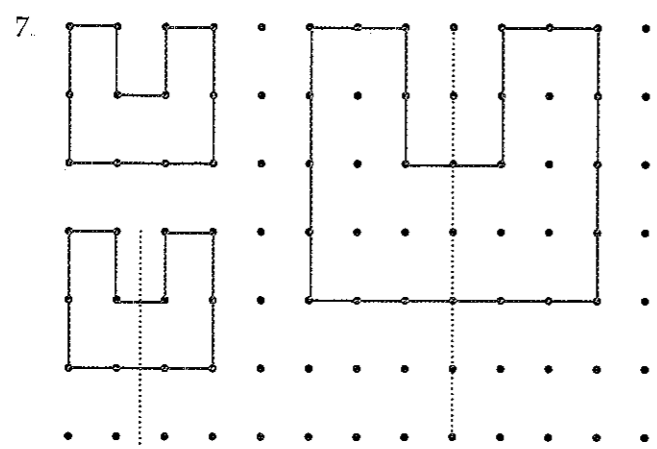
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4. (cont.)
- | | |
|----|---|
| 6 | g |
| 7 | c |
| 8 | l |
| 9 | d |
| 10 | a |
| 11 | k |
| 12 | o |
| 13 | e |
| 14 | f |
| 15 | n |

- 5.
- $\angle RXS, \angle XSQ$
 - $\angle RXQ, \angle RXP$
 - \overleftrightarrow{PQ} and \overleftrightarrow{AB}
 - \overleftrightarrow{AB} and \overleftrightarrow{CD}

- 6.
- Circle x
 - 2 cm
 - 2 cm
 - cd
 - 8 cm



8. Figure A – perimeter 60 in; area 200 in²
Figure B – 24 cm²

9. 27; 42; 48; 81
10. $3/3 = 1$; $4/10 = 2/5$; $6/12 = 1/2$
 $6/7$; $13/14$; $13/9 = 1 \frac{4}{9}$
11. $4/8 = 1/2$; $10/15 = 2/3$; $8/10 = 4/5$
 $8/12 = 2/3$; $9/12 = 3/4$; $11/15$

Quarter Test 4 Lesson 160

1. $8 \frac{3}{6} = 8 \frac{1}{2}$; $28 \frac{5}{7}$; $3/6 = 1/2$;
 $10 \frac{4}{12} = 10 \frac{1}{3}$; 16
2. $>$ $=$ $<$ $=$
 $>$ $<$ $>$ $<$

3. 53.244; 698.022; 1.132; 6.82
3.908; 53.794; 896.705
4. 4; 4; 3
3; 21; 2
5. 5; 5; 34
6; 8; 2
6. 1. freezing
2. bitter cold day
3. boiling
4. room temperature
7. 89.0; 7,889
0.587; 85,400
656,000; 700.1
8. Teacher check
9. $\frac{2}{8}$ $\frac{3}{12}$ $\frac{4}{16}$ $\frac{5}{20}$ $\frac{6}{24}$ $\frac{7}{28}$
10. $1/3$; $100/200$; $4/6$
 $2/6$; $6/12$; $4/7$
 $10/20$; $3/4$; $1/11$
 $2/3$; $2/4$; $2/10$

Final Exam (Lessons 1-160)

1. 6,397
858
228
\$35.76
2. \$1,015.00
3. \$245.89 total
 $\$300.00 - \$245.89 = \$54.11$
4. Teacher check
5. 4 r 6
\$5.00
6. $21,275 < 241,600$
 $1,215 < 4,116$
7. 600; 900; 700; 1,000; 8,000
8. 60,000
9. $\$1.00 + \$1.00 + \$0.65 = \2.65
On the way home, she picked up a container of ice cream for a late night snack. She also rented a movie to watch before going to bed.
10. $n = 3$
 $n = 7$
11. Answers: 9; 6; 8; 9
12. $20,000 + 4,000 + 500 + 20 + 6 = 24,526$
13. Answers: Understand; Plan; Work, Answer/Check
 $\$400.00 + \$800.00 = \$1,200.00$
 $\$100.00 - \$69.99 = \$30.01$
 $\$5.00 \times 7 = \35.00
14. 25
70

15. 17
16. \$8.95; \$0.98; \$7.14; \$5.62
17. 1. pentagon
2. square
3. octagon
4. quadrilateral
5. rhombus
6. hexagon
7. triangle
8. parallelogram
9. trapezoid
18. 1. 30 cm
2. 50 cm²
3. 240 cm³
19. acute angle
obtuse angle
right angle
20. 8; 35; 36; 63
21. $5/6$; $4/12 = 1/3$; $6/10 = 3/5$
 $7/8$; $7/9$; $11/12$
22. 8.616; 52.291; 603.715
23. $>$; $=$; $<$; $=$
24. 3; 8
2; 2
2; 110
25. 1. 75%
2. 15 students
3. 25%
4. 12%
26. $\frac{2}{6}$ $\frac{3}{9}$ $\frac{4}{12}$ $\frac{5}{15}$ $\frac{6}{18}$ $\frac{7}{21}$ $\frac{8}{24}$
27. 89.0; 7,889; 8,370

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