Page 1

5	36	3	30
4	6	7	21
6	14	9	54
9	18	3	16
10	12	2	4
4	35	8	24
7	648	6	8
9	42	8	36

Page 2

6	10	9	3
6	8	10	5
10	9	3	4
7	3	3	8
6	5	6	4
7	10	7	7
7	7	10	9
7	7	2	4

Page 3
1. They each get 3 pencils
2. He has 15 pairs of socks
3. She can make 6 bracelets
4. There are 24 students in her class
5. He should get 9 of each color flower
6. Each friend gets 8 marbles

Page 4
1. There are 4 teams
2. She needs 7 of each color
3. She needs 12 pages for the scrapbook
4. 30 customers will get free samples
5. He should work on each subject for 20 minutes
6. Each cat will get 4 pounds of food

Page 5
1. Everyone will get 5 prizes
2. There are 6 different colors
3. There are 18 classrooms
4. He babysat for 9 hours
5. She can buy 7 packs of stickers
6. Each student gets 6 cookies

Page 6
1. There are 12 people at his party; there are 2 extra slices of pizza

2. There are 11 groups of five; there are 3 people left in the smaller group
3. He can make 23 pairs of socks; he will have 1 sock left over
4. She can give each student 4 pencils; 2 pencils will be left over
5. Each group will get 8 balls; there are 6 balls left over

Page 7
A) 60/3=20 red beads
B) 20-15=5 blue beads
C) 30x3=90; 90-60=30

Page 8
A) 8x2=16 cookies; 1x4=4 cupcakes
B) 32-16=16, 16/8=2
C) 32+32=64 cookies and cupcakes

Page 9
1. Laney has 6 friends
2. He will have studied 21 hours at the end of the week
3. Each person can have 4 cookies
4. There are 34 cupcakes altogether

Page 10
5. They will have 32 tennis balls altogether
6. He will have earned $21 for mowing the lawn
7. It will take him 9 days to finish reading the book
8. He will need to buy 20 pieces of candy altogether

Page 11
9. He spent 5 hours preparing for his party
10. There will be 3 doughnuts left over
11. He has 42 stickers in total
12. She still needs to plant 12 flowers

Page 12
13. There are over 12 pairs of gloves
14. She needs to buy 6 cans of food for one day
15. He will need 21 eggs
16. Each person will take 2 cans

Page 13
1. 64/4=16; 16+5=21 crayons
2. 50x3=150; 150/3=30 beads
3. 33+21=54; 54x2=108

Page 14

4.
A) 48/4=12 restaurants
B) 15+23+4=42; 48-42=6 restaurants
C) 48+6=54; 54/2=27; Tami has eaten in 27 restaurants

5.
A) No, Cindy has the right idea but 6x7=42, not 50. So, using a similar strategy 42+6=48 which is 8x6=48
B) 8x6=48, not 56
    (Draw an array of 6 circles by 8 circles)

Page 15

6.
A) 24-4=20; 20/5=4; 4 muffins
B) 25/5=5; 5 muffins

7.
A) 15x7=105 stickers
B) 32/7=4 stickers on each notebook, 4 stickers left

8.
A) Both are correct
B) 9 candies, none left

Page 16

9.
A) 42x3=126, 126/2=63; 63 fidget spinners
B) 63-3=60; 60/5=12; 12 fidget spinners

10.
A) No, 3x6=18 and 4x4=16. This is a different number of kids for each.
B) Yes, 18/9=2; 2 students in each group

11.
A) Nine pests are one carrot each is correct, four pests eating two each (4x2=8). This is 8 not 9.
B) Draw an array of 9 circles in one row; Draw an array of 4 circles in 2 rows.

Page 17

12.
A) 6/2=3 hours; $5x3=$15
B) 9+9=18; $18-15=3; No, she needs $13

14.
A) 1,178-900=278
B) 1178/2=586, 900-586=314

15.
A) 56+67=123, $1.23; No, they have $1.23 not $1.50
B) $3.00-1.23=$1.77
C) 10x10=100, 5x5-25, $1.00+.25=$1.25, $1.77-1.25=.52; No, 52 cents more.

Page 18

A) 1 eraser; 2 pens; 1 pencil, $0.25+$0.60=$0.95; 3 erasers, 2 pencils, $0.75+0.20= $0.95
B) No, $1.00-0.95=$0.05, nothing costs $0.05
C) Pencil is $0.10, $0.10-0.05=$0.05, she needs $0.05 more

Page 19
a. 1 bag of chips, 1 liter of juice, and 1 ice cream; $3.00+$1.50+$2.50=$7.00
b. No, she only has $8.00, not $9.50
c. She will have $3.50 left after buying 1 liter of juice and 1 bag of chips

Page 20
a. She will have $1.00 left after buying 2 sodas, fries, and 1 candy bar
b. 2 fries, 2 candy bards, $7.00+3.00=$10.00, $3.50+3.50=$7.00, $1.50+1.50=$3
c. She can buy 1 candy bar, $0.25x6=$1.50

Page 21
1. 5/7
2. 1/4
3. 2/3
4. 3/6 or 1/2
5. 2/4 or 1/2
6. 5/9

Page 22
1. >
2. =
3. <
4. =

Page 23

>   >   >
>   <   <
<   <   =

1. Numerator

2. Denominator

Page 24

2/4	Circle 2nd line
1/3	Circle 1st line
5/7	Circle 5th line
1/2	Circle line in the middle
3/9	Circle 3rd line
5/10	Circle 5th line

1. 2/4, 5/10
2. 1/3
3. 5/10
4. 5/7
5. 1/3, 1/2, 5/7

Page 25

a.   Aviv: Circle the 18th line
           Miriam: Circle the 3rd line
           Tonie: Circle the 4th line
           Mom: Circle the 9th line

b. His mom will, 18/20 dived by 2/3 is 9/10; yes, it will be exact.

c. Miriam will

d. Miriam will be exact. 3/4 times 5/5 is 15/20. His mom will give too much.

Page 26
Answers will vary

Page 27
1. 8/12 and 5 6/7
2. 5/7 and 1 1/2
3. >
4. <

Draw a circle divided into 8 equal sections. Shade in 5 sections.
    Eaten: 5/8
    Left: 3/8

Page 28
1. 2/4=1/2
2. 3/4
3. 5/6
4. 3/3=1

Page 29
1. 3/7
2. 2/5
3. 1/4
4. 1/3

Page 30
1. The essay is 3/5 of the way done. There is 2/5 left to write.
2. 2/8 or 1/4 of her socks are beige.
3. He needs 3/6 or 1/2 of the bag of sugar.
4. 5/7 of the garden has bloomed. 2/7 of the garden is left to bloom.
5. There is 1/4 of the pie left for Addie.

Page 31
1. 5/8 of his room is clean. There is 3/8 left to clean.
2. She knows 10/12 or 5/6 of her spelling list. She has 2/12 or 1/6 words to learn.
3. She has 10/9 of the money. She needs 0/9.
4. She has made 4/6 or 2/3 of the cookies. She needs to make 2/6 or 1/3 cookies tomorrow.
5. They have 3/7 of the stock left. They sold 4/7 of the stock.

Page 32
1. She needs 3/10 more pencils to have enough.
2. They have to drive 2/5 more of the way to get there.
3. They've gotten 7/9 of the groceries. They need to get 2/9 more groceries.
4. She's painted 8/10 of the painting. She has 2/10 of the painting left to paint.
5. He has 3/7 of his homework left to do.

Page 33
1. 3/3 or 1
2. 2/4 or 1/2
3. 3/5
4. 6/10 or 3/5
5. 6/7
6. 3/5
7. 5/6

8. 4/5
9. 4/4
10. 2/3
11. 7/8
12. 8/9

Page 34
1. 5/6
2. 2/2 or 1
3. 7/10
4. 4/4 or 1
5. 9/10
6. 7/8
7. 7/7 or 1
8. 9/10
9. 7/7 or 1
10. 4/5
11. 9/9 or 1
12. 6/9

Page 35
1.
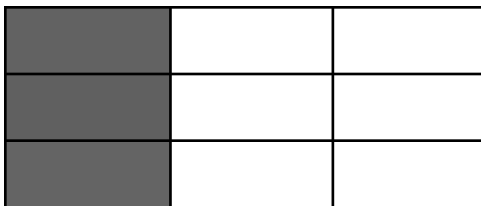
2.
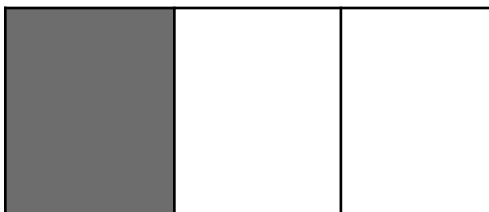
3.
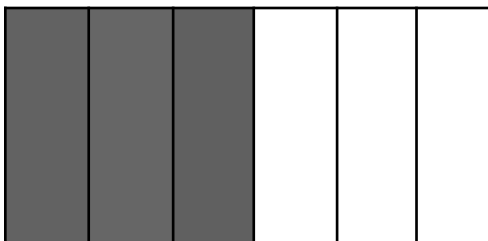
c. 3/9 = 1/3

d. First, we need to figure out the equivalent of 1/3 if there are 6 parts (1/3 = ?/6). Since 1/3 is equivalent to 2/6, we can shade 3/6 or greater.

Page 36
a. 1/3, 1/4, 3/8
b. 1/4, 1/3, 3/8
c. Fill in figure 2 to represent 2/4 and fill in figure 3 to represent 4/8. 2/4 = 4/8

Page 37

2:00	5:00
Two o'clock	Five o'clock
8:30	12:30
Eight Thirty	Twelve Thirty
4:15	6:00
Four Fifteen	Six o'clock
10:00	7:15
Ten o'clock	Seven Fifteen

Page 38

11:30	12:00
Eleven Thirty	Twelve o'clock
10:15	3:00
Ten fifteen	Three o'clock
9:30	5:15
Nine Thirty	Five Fifteen
1:15	12:30
One fifteen	Twelve Thirty

Page 39

Draw the hour hand on the 2, minute hand on 2	Draw the hour hand on 7, minute hand on 3
Draw the hour hand on 10, minute hand on 8	Draw the hour hand on 8, minute hand on 4
Draw the hour hand on 12, minute hand on 10	Draw the hour hand on 1, minute hand on 9
Draw the hour hand on 3, minute hand on 12	Draw the hour hand on 3 and minute hand on 6

Page 40

Draw the hour hand on 5, minute hand on 4	Draw the hour hand on 2, minute hand on 11
Draw the hour hand on 8, minute hand on 7	Draw the hour hand on 6, minute hand on 9
Draw the hour hand on 9, minute hand on 8	Draw the hour hand on 5, minute hand on 10
Draw the hour hand on 12, minute hand on 2	Draw the hour hand on 7, minute hand on 4

Page 41
Elapsed Time Explanation

Page 42
Elapsed Time continued

Page 43
a. 5:10 PM
b. 6:45 PM
c. 1 hour 15 minutes
d. 1 hour 13 minutes
e. 11:45

Page 44
a. 3:28
b. 57 minutes
c. 2 hours and 55 minutes
d. 1 hour and 4 minutes
e. 9:23 AM

Page 45
a. 10:36
b. 2:00
c. 1 hour and 30 minutes
d. 2:51
e. 1 hour and 47 minutes
f. 8 hours and 24 minutes

Page 46
1. Line
2. Angle
3. Vertex
4. Side
5. Draw a line segment
6. Draw a line
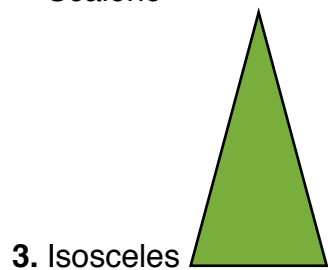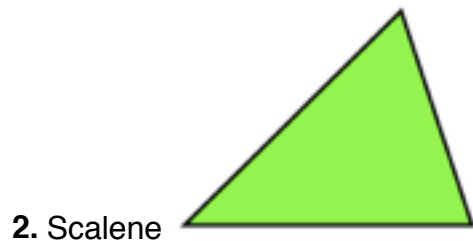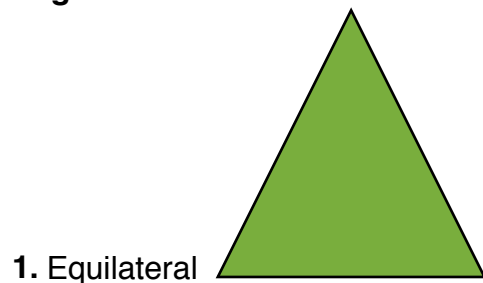7. Draw a ray
8. Draw an angle

Page 47
1. ray
2. line
3. ray
4. line segment
5. ray
6. line
7. line
8. line segment
9. ray
10. ray
11. line
12. line segment
13. line segment
14. ray line

10. Circle picture on the left.

11. See previous page for explanation.

Page 48
Geometry Shapes Explanation

Page 49

1. Equilateral

2. Scalene

3. Isosceles
4. It means equal
5. They all have 3 sides. They are all triangles.

Page 50

	Solid Figure	Number of Square Faces	Number of Rectangle Faces	Number of Triangle Faces
1	Square Pyramid	1	0	4
2	Rectangular Prism	0	6	0
3	Cube	6	0	0

Page 51
1. 12
2. 8
3. 12
4. 5
5. 0
6. 8
7. 0
8. 6
9. 1
10. 5

1. No; it is not 3-dimensional
2. Yes; it is 3-dimensional
3. Yes; it is 3-dimensional
4. No; it is not 3-dimensional

Page 52
Ice cream cone   Ball   Box
Can   Roof of a house   Dice

1. Square pyramid
2. Sphere
3. Rectangular prism
4. Cylinder

Page 53
Checked pairs: 1, 4, 6, 7, 9
Unchecked pairs: 2, 3, 5, 8, 10

Page 54
1. c
2. c
3. b & c
4. c
5. b

Page 55
6. b
7. c
8. d
9. a, c, & e

Page 56
10. a, b, & d
11. a
12. b
13. a & c
14. a & b

Page 57
15. c & d
16. $13 each
17. 5/6
18. a, b, & c

Page 58
19. b, c, and e
20. a, b, and d
21. c
22. a

Page 59
23. a & b
24. a, d, & e
25. c

Page 60
26. b
27. c