

# Answer Key

## Page 1

1. sentence
2. not a sentence
3. sentence
4. sentence
5. not a sentence
6. not a sentence
7. not a sentence
8. sentence
9. sentence
10. not a sentence

## Pages 2-3



Dad's sunglasses **float** because their density is **less** than the density of water.

## Page 4

1. \$27 > \$19
2. \$31 > \$27
3. \$87 < \$89
4. \$68 < \$79
5. \$127 > \$108  
\$340 > \$322
6. Spokane  
Supermart
7. \$18

## Page 5

Answers will vary. Places should be named and described. Three reasons for protecting the places should be listed.

## Page 6

O = 37 U = 41 T = 104 S = 114 R = 36  
E = 79 N = 89 H = 17 M = 66

MOUNT RUSHMORE

## Page 7

Verbs: shines, grow, attack, gobble

Nouns: park, sun, trees, ladybugs

Adjectives: big, tall, harmful

Adverbs: brightly, quickly

## Page 8

1. 9      4. 86      7. 54
2. 17     5. 158     8. 8
3. 2      6. 119     9. 3

## Page 9

1. fiber                      2. fiber                      3. protein
4. carbohydrates       5. protein                6. fat

## Pages 10-11



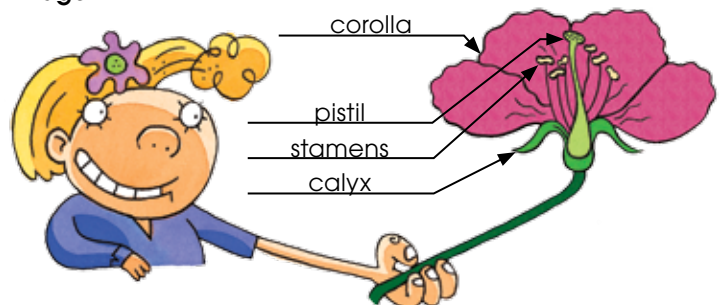
## Page 12

The ~~s~~stars of football shine at the Pro Football Hall of Fame in canton, ohio. the Hall of Fame opened on september 7, 1963. Every year, the league names a few of its ~~b~~est players to the Hall of Fame. there, visitors can ~~s~~ee pictures of these players, their uniforms, and their equipment.

## Page 13

1. 2
2. Grand Island
3. about 5 miles
4. city
5. 2
6. Lake Erie, Lake Ontario

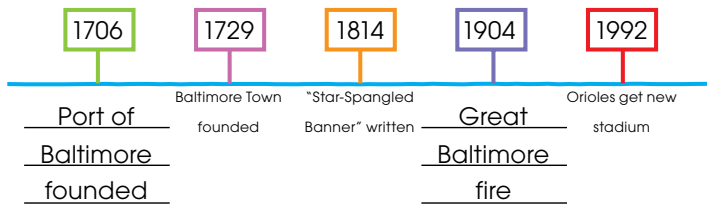
## Page 14



New plants grow from seeds.

# Answer Key

## Page 15



## Page 16

- 2 Chrysler Building, 1,046 feet
  - 3 Citigroup Center, 915 feet
  - 1 Empire State Building, 1,250 feet
  - 4 GE Building, 850 feet
- 400 feet taller

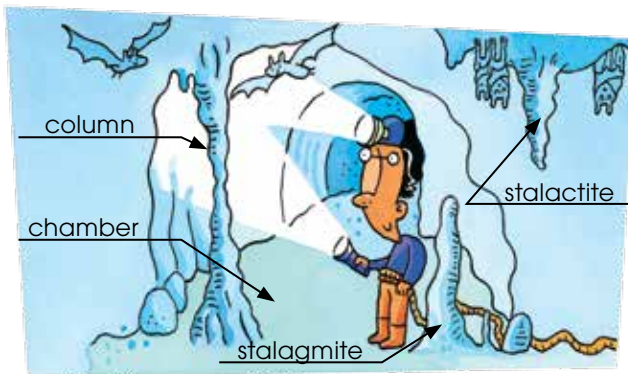
## Page 17

1. Brooklyn, Williamsburg
2. Verrazano-Narrows
3. Queensboro
4. George Washington

## Pages 18-19

- |              |               |               |
|--------------|---------------|---------------|
| 1. antonyms  | 2. homophones | 3. synonyms   |
| 4. antonyms  | 5. homophones | 6. homophones |
| 7. synonyms  | 8. synonyms   | 9. antonyms   |
| 10. antonyms |               |               |

## Page 20



## Page 21

1. Branson
2. Joplin
3. St. Louis
4. New Madrid
5. (5,E) (4,F) (6,H) (1,H)

## Pages 22-23

$$83 + 130 + 32 + 146 + 38 = 429 \text{ miles}$$

$$88 + 131 + 99 + 30 + 119 = 467 \text{ miles}$$

$$88 + 131 + 92 + 32 + 146 + 38 = 527 \text{ miles}$$

Answers will vary. One possibility is:  
 Memphis → Selmer → Fayetteville → Murfreesboro →  
 Lebanon → Knoxville → Gatlinburg:  
 $88 + 131 + 54 + 32 + 146 + 38 = 489 \text{ miles}$

## Page 24

looked, thought, drank  
 found, swung, brought  
 rowed, bit, came  
 pecked, ran, won  
 Peter

## Page 25

1. probe
  2. satellite
  3. station
  4. shuttle
  5. orbit
  6. rover
- universe

Answers will vary. One possibility is:  
 Memphis → Corinth → Decatur → Huntsville →  
 Chattanooga → Cleveland → Cherokee:  
 $95 + 96 + 24 + 104 + 30 + 119 = 468 \text{ miles}$

## Pages 26-27

1. pelican, panther, deer
2. turtle, manatee, alligator, anhinga

## Pages 28-29



## Page 30

1. civil rights
2. She refused to give up her seat on the bus.
3. boycott
4. Answers will vary.

# Answer Key

## Page 31

1. Mardi Gras is an ancient festival, but people still enjoy it.
2. New Orleans, Louisiana, has a big Mardi Gras celebration.
3. People celebrate with food, music, parties, and parades.
4. Musicians play, and colorful floats roll down the street.
5. Riders on the floats throw coins, necklaces, and toys.
6. The LaRose family met some people from Berlin, Germany, at Mardi Gras.
7. The people from Berlin spoke English, so the two families enjoyed the parade together.
8. Then they went to a restaurant where they ate crayfish, gumbo, and jambalaya.

## Page 32

- |                 |  |
|-----------------|--|
| 1. tributary    | goods moved by boat, airplane, or vehicle    |
| 2. oxbow lake   | to dump or place                             |
| 3. deposit      | a high mound along the bank of a river       |
| 4. levee        | a horseshoe-shaped body of water             |
| 5. cargo        | a large, flat boat                           |
| 6. agricultural | a smaller river that flows into a larger one |
| 7. barge        | made or grown on a farm                      |

## Page 33



- |          |         |          |          |
|----------|---------|----------|----------|
| 1. 10:25 | 2. 7:40 | 3. 1:00  | 4. 6:30  |
| 5. 9:25  | 6. 3:05 | 7. 10:30 | 8. 10:55 |
| 9. 2:55  |         |          |          |

## Page 34

Answers will vary. Possible sentences include:

1. Dad's van had a flat tire.
2. Peter's canteen is leaking.
3. The kites' tails are long and colorful.
4. Mom saw a lizard's footprints.

## Page 35

1. trapezoid - 1 line
2. rectangle - 2 lines
3. circle - many lines
4. pentagon - 5 lines
5. triangle - 1 line
6. parallelogram - no lines
7. square - 4 lines
8. octagon - 8 lines
9. 
10. 

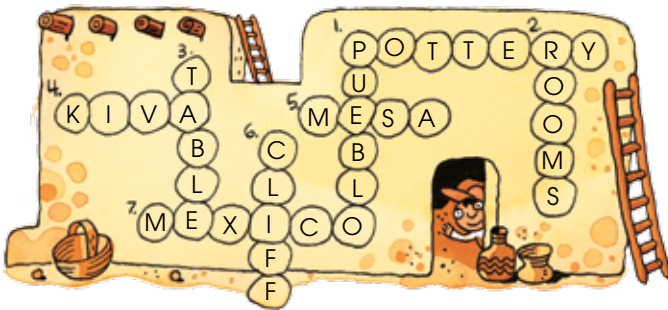
## Page 36

1. their
2. His
3. their
4. it
5. His
6. She
7. Her
8. Her

## Page 37

1. f+o
2. f
3. f
4. o
5. f
6. f+o
7. f
8. f
9. f
10. o

## Page 38



## Page 39

1. wind scorpion
2. black cactus longhorn beetle
3. trapdoor spider
4. wind scorpion
5. thistledown velvet ant
6. black cactus longhorn beetle

## Page 40

1. It's
2. It's
3. It's
4. its
5. it's
6. its
7. its
8. It's

## Page 41

1. 78°F
2. 20°F
3. 92°F
4. 53°F
5. 101°F
6. 18°F
7. 59°F
8. 80°F

## Page 42

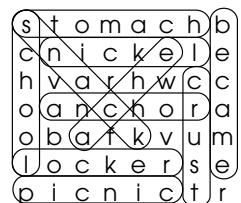
Lumber: violin, pole  
Pulp: paper bag, tissues, book  
Chemicals: ink, shirt, paint, cement block

## Page 43

Paragraphs will vary, but should include a topic sentence, supporting details, and a conclusion.

## Page 44

1. anchor
2. ache
3. stomach
4. became
5. crust
6. snack
7. school
8. nickel
9. picnic
10. locker



# Answer Key

## Page 45

### Across

- stray
- mistake
- decay
- plain
- trail
- whale

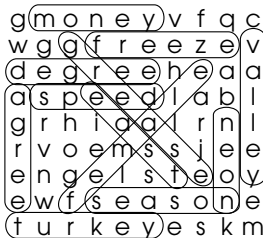
### Down

- snake
- spray
- brain
- locate
- place
- paint



## Page 46

- money
- female
- east
- speed
- Neon
- valley
- agree
- grease
- Turkey
- freeze
- degree
- season



## Page 47

### Across

- lilac
- silent
- Divide
- shy
- invite
- icy
- child

### Down

- pilot
- kindly
- deny
- beside
- sign
- rhyme
- mild



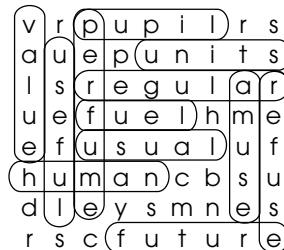
## Page 48

### Across

- goal
- ocean
- slope
- tomato
- robot
- obey

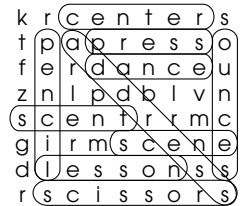
### Down

- globe
- ago
- coast
- lonely
- vote
- float



## Page 49

- pupil
- value
- perfume
- amuse
- useful
- fuel
- future
- human
- usual
- regular
- refuse
- units



## Page 54

### Across

- chest
- choose
- author
- wheat
- thick

### Down

- leash
- share
- cloth
- both
- whim

## Page 51

### Across

- subject
- germs
- budge
- gentle
- jelly
- giant

### Down

- ledge
- fudge
- engine
- jest

## Page 52

### Across

- Foxes
- nickels
- friends
- hunches
- passes
- matches
- wishes

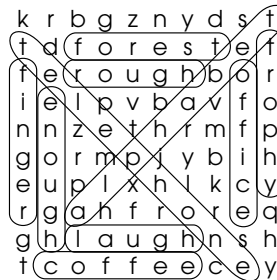
### Down

- finishes
- flashes
- taxes



## Page 53

- forest
- laugh
- trophy
- finger
- alphabet
- enough
- coffee
- telephone
- office
- rough



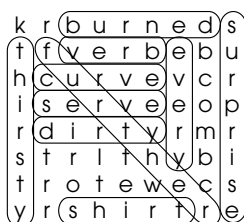
## Page 58

- wrote
- Knock
- gnaw
- comb
- knife
- knot
- gnat
- wreck
- kneel
- tomb



## Page 55

- verb
- curve
- dirty
- surprise
- burned
- further
- thirsty
- every
- serve
- shirt



## Page 56

- sport
- start
- garden
- orange
- labor
- smart
- apart
- morning
- market
- thorns

## Page 57

- about
- crowd
- flowers
- shout
- cloud
- fowl
- proud
- power
- aloud
- frown

# Answer Key

## Page 59

### Across

2. relief
4. niece
7. weigh
9. deceive
10. believe

### Down

1. sleigh
3. receive
5. eight
6. field
8. ceiling

## Page 60

1. carried
2. tried
3. denied
4. married
5. buried
6. copied

1. driving
2. rising
3. exciting
4. writing
5. voting
6. smiling

## Page 61

### Across

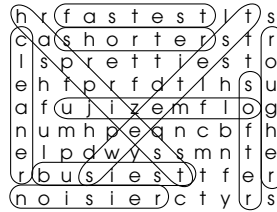
1. broke
2. roast
3. growth
5. pillow
6. cocoa
7. most

### Down

1. borrow
3. global
4. hollow
5. protect

## Page 62

1. happiest
2. softer
3. prettiest
4. shorter
5. busiest
6. sweetest
7. fastest
8. cleaner
9. noisier
10. rougher



## Page 63

### Across

3. renew
4. incorrect
6. untied
8. disagree

### Down

1. indirect
2. unjust
3. rewrite
5. rebuild
6. unhappy
7. dislike

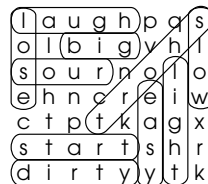
## Page 64

1. softly
2. homeless
3. beautiful
4. loudly
5. neatly
6. endless
7. priceless
8. safely
9. thankful
10. helpful



## Page 65

1. short
2. lose
3. start
4. sour
5. laugh
6. easy
7. slow
8. dirty
9. light
10. big



## Page 67

1. peace
2. piece
3. their
4. there
5. Write
6. right
7. week
8. weak
9. hear
10. here



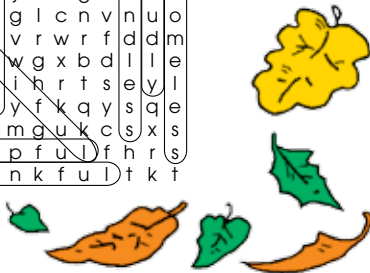
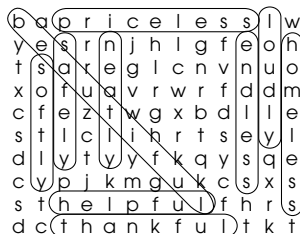
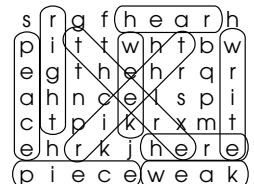
## Page 66

### Across

4. noisy
5. roast
7. select
8. welcome
9. weak

### Down

1. jolly
2. quiet
3. harm
6. solid
7. speak



## Page 68

### Across

1. lives
3. Calves
4. elves
5. shelves
7. knives

### Down

1. Leaves
2. wives
6. halves

## Page 69

1. slamming
2. trotted
3. slipped
4. melted
5. carrying
6. walked
7. pointed
8. reaching
9. dripping
10. stepped



## Page 70

### Across

1. swung
3. froze
4. wrote
6. left
8. tore

### Down

2. grew
3. fought
5. drove
7. felt

## Page 71

1. busy
2. flatter
3. easy
4. happy
5. make every effort
6. be quiet
7. lead person
8. get angry
9. tell a secret
10. asleep

No answers for pages 72-103.

# Answer Key

## Page 104

1. Mark Twain
2. Beatrix Potter
3. A.A. Milne
4. Dr. Seuss
5. E.B. White

## Page 105

1. hospital
2. museum
3. school
4. library
5. hotel

## Page 106

1. penny
2. nickel
3. dime
4. quarter
5. half dollar

## Page 107

1. greyhound
2. pointer
3. beagle
4. boxer
5. husky

## Page 108

1. habitat
2. Ecology
3. botany
4. Meteorology
5. oxygen

## Page 109

1. cow
2. pig
3. horse
4. sheep
5. chicken

## Page 110

1. Monopoly®
2. Candy Land®
3. Chess
4. Scrabble®
5. Clue®

## Page 111

1. deserts
2. grasslands
3. rainforests
4. oceans
5. swamps

## Page 112

1. termite
2. ant
3. mosquito
4. firefly
5. ladybug

## Page 113

1. three days old
2. It gets unhoppy.
3. She wanted rich soil.
4. palm
5. bedbug

## Page 114

1. skull
2. jaw
3. collarbone
4. elbow
5. pelvis
6. kneecap
7. shin
8. ankle

## Page 115

- spaghetti  
chicken  
pizza



## Page 116

1. giraffe
2. elephant
3. whale
4. bat
5. fox

## Page 117

A. 3	5				B. 1	0	5
8		C. 8	6		8		
9		5				D. 5	5
	E. 7	3					1
F. 1	2		G. 1	0	0		
6			5			H. 9	2
	I. 4	8					7
	5				J. 1	4	

## Page 118

1. Arctic Ocean
2. Antarctic Ocean
3. Pacific Ocean
4. Pacific Ocean
5. Indian Ocean
6. Atlantic Ocean



## Page 119

1. Kennedy
2. Washington
3. Reagan
4. Lincoln
5. Jefferson

## Page 120

1. feather
2. night
3. bear
4. bug
5. silk



## Page 121

1. Africa
2. South America
3. Asia
4. North America

## Page 122

1. Galaxy
2. light and heat
3. gas
4. Milky Way
5. energy

## Page 123

1. rug
2. computer
3. pound
4. author
5. brake

## Page 124

1. Michigan
2. Hawaii
3. Alaska
4. Missouri
5. New York

## Page 125

- flower: broccoli,  
cauliflower  
stem: celery,  
asparagus  
leaf: lettuce, spinach  
seed: pea, root: yam,  
bean carrot

## Page 126

1. tornado
2. snowstorm
3. rainbow
4. hurricane
5. thunderstorm

## Page 127

1. Branson
2. Joplin
3. St. Louis
4. Kansas City
5. Hannibal
6. Sedalia

## Page 128

1. glaciers
2. Louisiana
3. Wyoming
4. geysers
5. Grant

## Page 129

1. cheetah
2. ostrich
3. flea
4. chameleon
5. platypus

## Page 130

1. currents
2. salt
3. tide
4. waves
5. sand

## Page 131

1. taking a chance
2. being happy
3. being quiet
4. getting angry
5. telling a secret

## Page 132

1. dinosaurs
2. tongue
3. iguana
4. insects
5. tails

## Page 133

1. precipitation
2. condensation
3. air pressure
4. water
5. wind

## Page 134

1. baseball
2. golf
3. squash
4. football
5. soccer

# Answer Key

## Page 135

1. Calvin found **46** rocks in total.
2. Jamie saw **53** birds in all.



## Page 137

1. The difference between their throws was **2** feet.
2. John kicked the ball **19** more times yesterday.



## Page 139

1. add; There are **625** children in our school altogether.
2. subtract; They painted **3** more pictures on Tuesday.
3. add; They brought **70** pennies in all.
4. subtract; There were **87** pieces of chalk left unbroken.

## Page 141

1. She spent **\$1.99** in all.
2. Mandi spent **\$4.75** more than Justin.
3. The sum of both items would be **\$2.90**.
4. She spent **\$3.46** in all.
5. She spent **\$2.05** more on the beads.

## Page 143

1. **60** people
2. **72** tickets



## Page 144

1. **77** hours
2. **100** whistles
3. **36** times
4. **70** questions

## Page 147

1. There are **21** ribbons altogether.
2. She spent **150** hours in training.
3. There were **72** helmets.

## Page 136

1. Stephanie has a total of **36** dolls in her collection.
2. Dalton has **53** baseball cards in all.
3. They counted a sum of **90** flowers.
4. Adam found **120** twigs altogether.
5. Krista saw **30** animals in all.
6. They caught a total of **91** fish.



## Page 138

1. Sue delivered **11** more newspapers than Tom.
2. Jennifer sold **16** more candy bars than Patti.
3. Kim has **59** cartwheels left to do.
4. The difference between their times was **3** seconds.
5. Elliot has **34** hits left to do.

## Page 140

1. The sum of butterflies in the field is **34**.
2. There will be **5** spiders left.
3. There are **33** more grasshoppers than beetles.
4. There were **28** more brown ants.
5. There are **239** flies altogether.
6. There are **38** insects in all.



## Page 142

1. The band marched **110** minutes altogether.
2. The band has **6** more tubas than trombones.
3. The band traveled **555** miles in all.
4. The difference between them is **9**.
5. **60** more uniforms are needed.
6. They know a total of **58** songs.

## Page 145

1. **8** nails
2. **7** screwdrivers

## Page 146

1. **8** pieces of wood
2. **7** saws
3. **6** holes
4. **7** wrenches



## Page 148

1. There were **80** golfers altogether.
2. He drove **296** miles in all.
3. Curtis drank **312** glasses of water throughout his training.
4. There were **48** bikers altogether.
5. There were **384** friends at the race.

# Answer Key

## Page 149

1. There were **114** knee pads.
2. She practiced **57** hours in all.
3. Daniel can store **54** planes in his cases.
4. There are **60** chairs in Nadia's classroom.

## Page 151

1. He would have **7** bags.
2. He pulled **5** onions from each row.
3. There were **9** rows.
4. There are **5** plants in each row.
5. He picked **9** apples from each tree.

## Page 152

1. Each girl had **6** dolls.
2. He swam **9** laps each day.
3. Each friend received **2** postcards.
4. You could buy **50** stamps.

## Page 150

1. She pulled **8** carrots from each row.
2. They had **8** vases.
3. There were **3** rose bushes in each row.

## Page 153

1. Andrew bought **51** stamps.
2. Each person will get **8** letters.
3. Miss James delivered **432** letters.
4. She would have **45** pen pals.
5. There were **8** postcards in each pile.
6. **7** houses had packages delivered to them by Miss James.

## Page 154

1. They drove **275** miles.
2. There are **9** postcards in each envelope.
3. She would take **875** pictures.
4. There would be **288** bears.
5. There were **3** shirts in each suitcase.
6. **5** cable cars were needed.

## Page 155

1.  $\frac{1}{3}$
2.  $\frac{3}{5}$
3.  $\frac{2}{7}$
4.  $\frac{1}{2}$

## Page 156

1.  $\frac{3}{8} + \frac{2}{8} = \frac{5}{8}$
2.  $\frac{1}{3} - \frac{1}{3} = 0$
3.  $\frac{4}{5} - \frac{1}{5} = \frac{3}{5}$



## Page 157

1. She picked  $\frac{3}{9}$  ( $\frac{1}{3}$ ) of a bushel more on Wednesday than Thursday.
2. She dug  $\frac{3}{4}$  of the garden altogether.
3. She has  $\frac{6}{16}$  ( $\frac{3}{8}$ ) of the garden more to plant.

## Page 158

1. Todd bought  $\frac{5}{8}$  of a yard of fabric.
2. Mom has  $\frac{6}{12}$  ( $\frac{1}{2}$ ) of an hour more to paint.
3. She has  $\frac{2}{7}$  of a roll of wallpaper left.
4. It took  $\frac{1}{3}$  of a can of paint more for the chair.
5. He used  $\frac{3}{4}$  of a cup of paste altogether.
6. The difference is  $\frac{6}{18}$  ( $\frac{1}{3}$ ) of a yard.

## Page 159

1. granola bars  
oranges  
applesauce

## Page 160

1. 4'5"  
4'7"  
4'2"
2. 9  
10  
11  
8



## Page 161

1. Angie has gym class **30** minutes longer than Nancy.
2. Craig took **156** tennis balls outdoors.
3. He got **\$19.50** altogether.
4. He got **\$1.00** in change from **\$10.00**.

## Page 162

1. in-line skating
2. biking
3. 6 children
4. 6 children
5. Jamar and Janet
6. 2 children

## Page 163

1. Ramona
2. **24** days
3. **18** days
4. **6** days

## Page 164

1. Todd
2. **30** tickets
3. **90** tickets
4. **20** tickets
5. **10** tickets



# Answer Key

## Page 165

- $5 + 5 = 10$   
2 groups of 5 = 10  
 $2 \times 5 = 10$
- $3 + 3 + 3 + 3 = 12$   
4 groups of 3 = 12  
 $4 \times 3 = 12$
- $3 + 3 + 3 = 9$   
3 groups of 3 = 9  
 $3 \times 3 = 9$
- $3 + 3 + 3 + 3 = 12$   
4 groups of 3 = 12  
 $4 \times 3 = 12$

## Page 166

- $3 \times 4 = 12$
- $4 \times 6 = 24$
- $5 \times 2 = 10$
- $4 \times 8 = 32$
- $4 \times 5 = 20$
- $3 \times 7 = 21$

## Page 167

Check drawings.

- $2 \times 4 = 8$
- $5 \times 3 = 15$
- $2 \times 3 = 6$
- $3 \times 4 = 12$

## Page 168

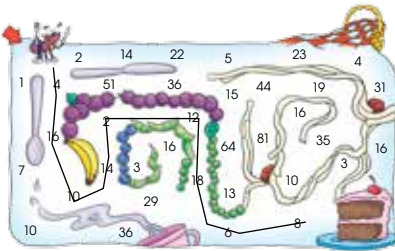
- 16;  $2 \times 8 = 16$
- 15;  $5 \times 3 = 15$
- 28;  $4 \times 7 = 28$
- 18;  $3 \times 6 = 18$
- 20;  $4 + 4 + 4 + 4 + 4 = 20$
- 21;  $7 + 7 + 7 = 21$
- adding

## Page 169

- $2 + 2 + 2 + 2 + 2 + 2 = 12$   
 $6 \times 2 = 12$
- $3 + 3 + 3 + 3 = 12$   
 $4 \times 3 = 12$
- $2 + 2 + 2 + 2 + 2 = 10$   
 $5 \times 2 = 10$
- $9 + 9 + 9 + 9 = 36$   
 $4 \times 9 = 36$

## Page 172

- 4
- 16
- 10
- 14
- 2
- 12
- 18
- 6
- 8



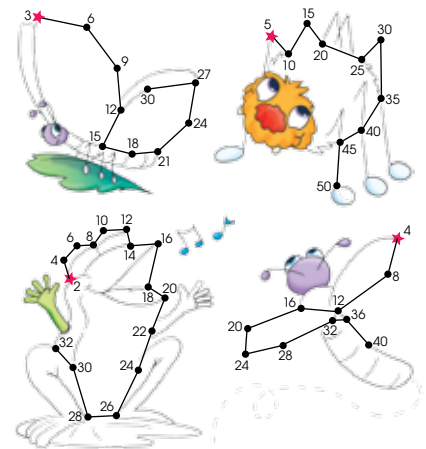
## Page 170

- 2, 4, 6, 8, 10, 12, 14, 16, 18, 20
- 3, 6, 9, 12, 15, 18
- 4, 8, 12, 16, 20
- 5, 10, 15, 20

## Page 173

- 2, 4, 6, 8, 10, 12, 14, 16, 18
- 8, 16, 10  
2, 6, 4  
18, 6, 16  
14, 18, 12
- 2, 4, 6, 8, or 0
- 0, 2, 4, 6, 8, 10, 12, 14, 16, 18

## Page 171



## Page 174

- 12 2. 3 3. 15
- 18 5. 24 6. 6
- 21 8. 27 9. 9
- $3 \times 5 = 15$
- $3 \times 7 = 21$
- $3 \times 6 = 18$
- $3 \times 9 = 27$

## Page 175

- 3, 6, 9, 12, 15, 18, 21, 24, 27
- 15, 24, 12  
6, 3, 6,  
18, 27, 24  
27, 21, 18
- 0, 3, 6, 9, 12, 15, 18, 21, 24, 27
- 18, 9, 3, 0, 6, 21, 12, 27, 15, 24

## Page 176

- $2 \times 4 = 8$
- $3 \times 5 = 15$
- $4 \times 7 = 28$
- $3 \times 6 = 18$
- $4 \times 2 = 8$
- $5 \times 6 = 30$
- Circle picture.  
 $2 \times 3 = 6$
- Do not circle picture.
- Circle picture.  
 $2 \times 4 = 8$

## Page 177

- Check drawings.
- 2 rows of 6; 12
  - 4 rows of 5; 20
  - 5 rows of 3; 15
  - 3 rows of 9; 27
  - 2 rows of 8; 16
  - 4 rows of 6; 24

## Page 178

- 4 rows of 5  
 $4 \times 5 = 20$
- 4 rows of 7  
 $4 \times 7 = 28$
- 4, 8, 12, 16, 20, 24, 28, 32, 36
- 20, 12, 4, 28, 24, 36, 16, 32

## Page 179

- 4 2. 12 3. 28
  - 20 5. 36 6. 16
  7. 24 8. 28 9. 8
- A TENNIS BALL
- 0, 4, 8, 12, 16, 20, 24, 28, 32, 36

## Page 180

- $5 \times 5\text{¢} = 25\text{¢}$
- $6 \times 5\text{¢} = 30\text{¢}$
- $3 \times 5\text{¢} = 15\text{¢}$
- $7 \times 5\text{¢} = 35\text{¢}$
- $4 \times 5\text{¢} = 20\text{¢}$
- $8 \times 5\text{¢} = 40\text{¢}$

## Page 181

- 5, 10, 15, 20, 25, 30, 35, 40, 45
- 15, 5, 25  
40, 30, 10  
35, 30, 20  
45, 20, 35
- 5, or 0
- 0, 5, 10, 15, 20, 25, 30, 35, 40, 45

## Page 182

- 2, 4, 6, 8, 10, 12, 14, 16, 18
- 3, 6, 9, 12, 15, 18, 21, 24, 27
- 4, 8, 12, 16, 20, 24, 28, 32, 36
- 5, 10, 15, 20, 25, 30, 35, 40, 45
- 10, 20, 30, 40, 50, 60, 70, 80, 90

# Answer Key

## Page 183

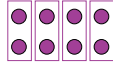
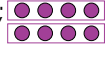
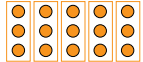



Check circled groups

- 5, 10, 15, 20, 25
- 4, 8, 12, 16
- 2, 4, 6, 8, 10, 12, 14
- 3, 6, 9, 12, 15

## Page 184

- $4 \times 5 = 20$     $2 \times 6 = 12$     $3 \times 8 = 24$   
 $5 \times 4 = 20$     $6 \times 2 = 12$     $8 \times 3 = 24$
- Circle 3 rows of 6; 18
- Circle 5 columns of 4; 20
- Circle 6 columns of 5; 30

## Page 185

- 8:    8: 
- 15:    15: 
- 12:    12: 

## Page 186

- 1,                      2, 4,  
4,                      0,  
 $1 \times 4 = 4$     $4 \times 0 = 0$
3. 8    4. 4
5. 0    6. 0
7. 7    8. 0
9. 6    10. 0
11. 0

## Page 187

- 0, 0, 0, 0, 0, 0, 0, 0, 0, 0  
0, 1, 2, 3, 4, 5, 6, 7, 8, 9
- 0
- that number
- 3, 5, 8, 6, 4, 9
- 0, 0, 0, 0, 0, 0
- 5, 0, 4, 0, 0, 9, 0, 8
- 0, 37, 43, 0, 60, 0, 74, 0

## Page 188

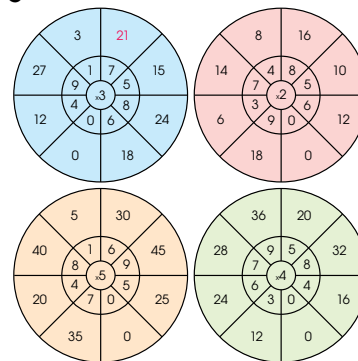
- 8
- 3, 2, 6
- 5, 5, 25
- 0, 1, 0
- 2, 4, 8
- 5, 0, 0
- 4, 3, 12
- 3, 3, 9
- 1, 5, 5

## Page 189

- |   |   |   |    |    |    |    |    |    |    |    |
|---|---|---|----|----|----|----|----|----|----|----|
| x | 0 | 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  |
| 0 | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 1 | 0 | 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  |
| 2 | 0 | 2 | 4  | 6  | 8  | 10 | 12 | 14 | 16 | 18 |
| 3 | 0 | 3 | 6  | 9  | 12 | 15 | 18 | 21 | 24 | 27 |
| 4 | 0 | 4 | 8  | 12 | 16 | 20 | 24 | 28 | 32 | 36 |
| 5 | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
- It is the same number as the second factor.
- 15 and 15; 6 and 6

- 2, 2, 4, 6, 8, or 0
- 0, or 5
- 0

## Page 190



## Page 191

- 4; 28; 16
- 2; 10; 18
- 2; 16; 12

## Page 192

- |                           |                            |                            |                            |                            |
|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| $\frac{6}{\times 4} = 24$ | $\frac{3}{\times 3} = 9$   | $\frac{6}{\times 9} = 54$  | $\frac{3}{\times 6} = 18$  | $\frac{6}{\times 7} = 42$  |
| $\frac{6}{\times 6} = 36$ | $\frac{5}{\times 9} = 45$  | $\frac{0}{\times 6} = 0$   | $\frac{3}{\times 9} = 27$  | $\frac{1}{\times 6} = 6$   |
| $\frac{4}{\times 6} = 24$ | $\frac{1}{\times 7} = 7$   | $\frac{5}{\times 30} = 30$ | $\frac{5}{\times 35} = 35$ | $\frac{6}{\times 9} = 54$  |
| $\frac{2}{\times 6} = 12$ | $\frac{6}{\times 18} = 18$ | $\frac{6}{\times 48} = 48$ | $\frac{1}{\times 9} = 9$   | $\frac{6}{\times 12} = 12$ |

0, 6, 12, 18, 24, 30, 36, 42, 48, 54

## Page 193

- 6, rows of 7;  $6 \times 7 = 42$
- 6, rows of 10;  $6 \times 10 = 60$
- 6, 12, 18, 24, 30, 36, 42, 48, 54
- 30, 24, 6, 42, 48, 54, 18, 48

## Page 194

- $2 \times 5 = 10$                        $2 \times 3 \times 7 = 21$   
and  $5 \times 5 = 25$                       and  $4 \times 7 = 28$   
so,  $7 \times 5 = 35$                       so,  $7 \times 7 = 49$
- 7, 14, 21, 28, 35, 42, 49, 56, 63
- 28, 21, 35  
7, 14, 42  
63, 42, 56  
0, 56, 14

## Page 195

- 28    2. 63    3. 14
  4. 42    5. 21    6. 35
  7. 0    8. 56    9. 49
- A GOLDFISH
- 0, 7, 14, 21, 28, 35, 42, 49, 56, 63

## Page 196

- 12    2. 0
3. 16    4. 14
5. 20    6. 27
7. 24    8. 63
9. 25    10. 36
11. 28    12. 15

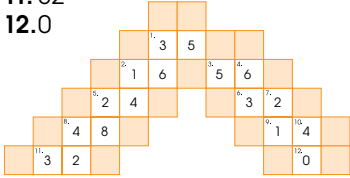
4	0	6	6	36	10	2	41
3	5	15	11	72	26	8	3
12	37	7	2	14	0	16	22
1	5	15	41	7	4	7	28
6	4	24	3	9	27	8	13
53	20	7	18	63	5	0	7
1	12	5	5	25	9	0	34

Number of Frogs	Number of legs	Number of flies	Number of legs
2	8	2	12
3	12	3	18
4	16	4	24
5	20	5	30
6	24	6	36
7	28	7	42

# Answer Key

## Page 197

- Across:
- 35
  - 16
  - 56
  - 24
  - 32
  - 48
  - 14
  - 32
  - 0
- Down:
- 36
  - 14
  - 63
  - 28
  - 21
  - 42
  - 40



## Page 200

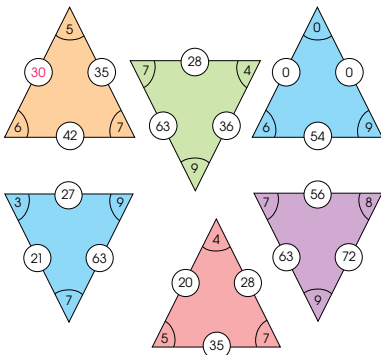
- $36, 3 + 6 = 9$
- $63, 6 + 3 = 9$
- $27, 2 + 7 = 9$
- $72, 7 + 2 = 9$
- $45, 4 + 5 = 9$
- $54, 5 + 4 = 9$
- $81, 8 + 1 = 9$
- 0, 9, 18, 27, 36, 45, 54, 63, 72, 81

## Page 203

- 7 × 9 = 63
- 6 × 8 = 48
- 8 × 7 = 56
- 8 × 0 = 0
- 5 × 7 = 35
- 9 × 6 = 54
- 7 × 6 = 42
- 8 × 9 = 72
- 0 × 8 = 0
- 9 × 7 = 63
- 6 × 9 = 54
- 7 × 5 = 35
- 8 × 6 = 48
- 9 × 8 = 72
- 6 × 7 = 42
- 7 × 8 = 56

WINDOWS

## Page 206

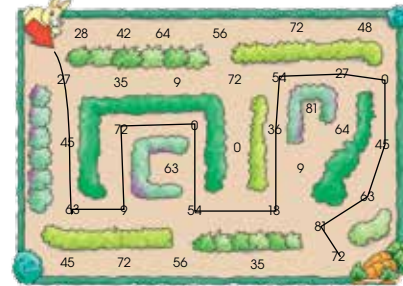


## Page 198

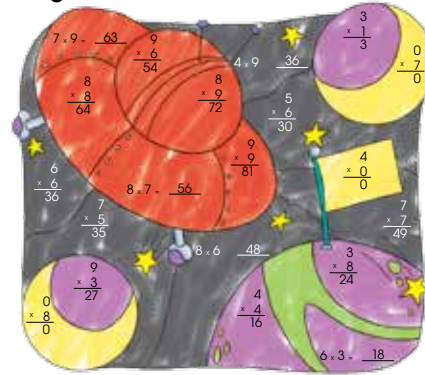
- $4 \times 6 = 24$   
and  $4 \times 6 = 24$   
so,  $8 \times 6 = 48$
- $4 \times 7 = 28$   
and  $4 \times 7 = 28$   
so,  $8 \times 7 = 56$
- 8, 16, 24, 32, 40, 48, 56, 64, 72
- 24, 40, 16  
56, 8, 56  
72, 48, 72  
48, 0, 32

## Page 201

- 27, 45, 63, 9, 72, 0, 54, 18
- 36, 54, 27, 0, 45, 63, 81, 72



## Page 204



## Page 199

- 24
  - 48
  - 32
  - 64
  - 8
  - 72
  - 40
  - 56
  - 16
- A BABY ELEPHANT
- 0, 8, 16, 24, 32, 40, 48, 56, 64, 72

## Page 202

x	0	1	2	3	4	5	6	7	8	9
0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9
2	0	2	4	6	8	10	12	14	16	18
3	0	3	6	9	12	15	18	21	24	27
4	0	4	8	12	16	20	24	28	32	36
5	0	5	10	15	20	25	30	35	40	45
6	0	6	12	18	24	30	36	42	48	54
7	0	7	14	21	28	35	42	49	56	63
8	0	8	16	24	32	40	48	56	64	72
9	0	9	18	27	36	45	54	63	72	81

- 28, 18, 12, 40
  - 10, 18, 40, 28
  - 12, 42, 10, 42
- A DIAMOND

## Page 205

- $2 \times 5 = 10, 2 \times 6 = 12, 2 \times 7 = 14, 2 \times 8 = 16, 2 \times 9 = 18, 3 \times 4 = 12, 3 \times 5 = 15, 3 \times 6 = 18, 4 \times 4 = 16$
- $3 \times 7 = 21, 3 \times 8 = 24, 3 \times 9 = 27, 4 \times 5 = 20, 4 \times 6 = 24, 4 \times 7 = 28, 5 \times 5 = 25$
- $4 \times 8 = 32, 4 \times 9 = 36, 5 \times 6 = 30, 5 \times 7 = 35, 6 \times 6 = 36$
- $5 \times 8 = 40, 5 \times 9 = 45, 6 \times 7 = 42, 6 \times 8 = 48, 7 \times 7 = 49$
- $6 \times 9 = 54, 7 \times 8 = 56$
- $7 \times 9 = 63, 8 \times 8 = 64$
- $8 \times 9 = 72$
- $9 \times 9 = 81$

## Page 207

- 16, 20, 24, 21
- 15, 24, 25, 32
- 28, 36, 21, 48
- 45, 6, 18, 36
- 24, 14, 40, 56
- 63, 64, 18, 0
- 28, 54, 48, 63
- 81, 0, 32, 54
- 40, 49, 24, 56
- 45, 35, 0, 72
- 16, 42, 45, 28
- 27, 0, 72, 0

## Page 208

- 1-8 Factors may be in any order.
- $2 \times 4$
  - $3 \times 4$  or  $2 \times 6$
  - $4 \times 7$
  - $3 \times 5$
  - $2 \times 9$  or  $3 \times 6$
  - $4 \times 8$
  - $2 \times 8$  or  $4 \times 4$
  - $3 \times 7$
  - 28
  - 24
  - 45
  - 36
  - 48
  - 8
- A RIVER



# Answer Key

## Page 209

1. 5 2. 6 3. 9 4. 6  
5. 2 6. 3 7. 7 8. 4  
9. 8 10. 9 11. 1 12. 8  
A FLYING PIZZA



## Page 210

1.  $4 \times 10\text{¢} = 40\text{¢}$   
2.  $7 \times 10\text{¢} = 70\text{¢}$   
3.  $3 \times 10\text{¢} = 30\text{¢}$   
4.  $6 \times 10\text{¢} = 60\text{¢}$   
5.  $5 \times 10\text{¢} = 50\text{¢}$   
6.  $8 \times 10\text{¢} = 80\text{¢}$

## Page 211

1. 10, 20, 30, 40, 50, 60, 70, 80, 90  
2. 60, 40, 10, 30, 50, 80, 70, 0, 20, 90  
3. 0  
4. 0, 10, 20, 30, 40, 50, 60, 70, 80, 90,  
5. 100, 110, 120

## Page 212

1. 33 2. 77  
3. 99 4. 44  
5. 22 6. 88  
7. 55 8. 11  
9. 0 10. 66

11	17	1	28	11	7	77
5	11	4	44	16	48	11
55	32	63	11	0	0	3
0	11	8	88	11	38	33
24	9	56	71	1	15	41
65	99	36	23	11	2	22
18	11	6	66	43	0	17

11. 0, 11, 22, 33, 44, 55, 66, 77, 88, 99

## Page 213

- $11 \times 1 = (10 \times 1) + 1 = 10 + 1 = 11$   
 $11 \times 2 = (10 \times 2) + 2 = 20 + 2 = 22$   
 $11 \times 3 = (10 \times 3) + 3 = 30 + 3 = 33$   
 $11 \times 4 = (10 \times 4) + 4 = 40 + 4 = 44$   
 $11 \times 5 = (10 \times 5) + 5 = 50 + 5 = 55$   
 $11 \times 6 = (10 \times 6) + 6 = 60 + 6 = 66$   
 $11 \times 15 = (10 \times 15) + 15 = 150 + 15 = 165$
- $11 \times 7 = (10 \times 7) + 7 = 70 + 7 = 77$   
 $11 \times 8 = (10 \times 8) + 8 = 80 + 8 = 88$   
 $11 \times 9 = (10 \times 9) + 9 = 90 + 9 = 99$   
 $11 \times 10 = (10 \times 10) + 10 = 100 + 10 = 110$   
 $11 \times 11 = (10 \times 11) + 11 = 110 + 11 = 121$   
 $11 \times 12 = (10 \times 12) + 12 = 120 + 12 = 132$   
 $11 \times 20 = (10 \times 20) + 20 = 200 + 20 = 220$

## Page 214

1. 24 2. 60 3. 48  
4. 96 5. 12 6. 84  
7. 72 8. 108 9. 36  
A PORCUPINE  
10. 0, 12, 24, 36, 48, 60, 72, 84, 96, 108



## Page 215

1.  $12 \times 9 = 6 \times 9 = 54$  and  $6 \times 9 = 54$   
so,  $12 \times 9 = 108$   
3. 12, 84  
24, 96  
36, 108  
48, 120  
60, 132  
72, 144  
4. 60, 84, 144, 108

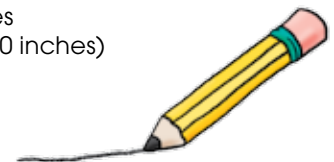


## Page 216

1. 36 apples  
2. 12 years old  
3. 120 trees  
4. 60 buttons  
5. 144 pencils  
6. 4 cans  
7. 6 packages  
8. 6 packages

## Page 217

1. 48 inches  
2. 72 inches  
3. 36 inches  
4. 120 inches  
5. 48 inches  
6. 120 inches  
7. 63 inches  
8. 5 feet (60 inches)



## Page 218

1. 72 2. 24  
3. 40 4. 5  
5. 10 6. 12  
7. 5 8. 2  
9. 4 10. 12

## Page 219

Across:  
1. 55 3. 63 5. 27 7. 24 9. 81 11. 54

Down:  
2. 56 4. 32 6. 72 8. 48 10. 15 12. 40

5	5								
	6	3							
		2	7						
			2	4					
				8	1				
					5	12			
							4		
								0	



## Page 220

1.  $7 \times 2 = 14$  wheels  
2.  $3 \times 8 = 24$  legs  
3.  $8 \times 7 = 56$  days  
4.  $3 \times 3 = 9$  people  
5.  $2 \times 9 = 18$  players  
6.  $8 \times 5 = 40$  fingers  
7.  $8 \times 6 = 48$  legs  
8.  $8 \times 10 = 80$  pins  
9.  $9 \times 12 = 108$  months  
10.  $6 \times 11 = 66$  players

## Page 221

x	0	1	2	3	4	5	6	7	8	9
0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9
2	0	2	4	6	8	10	12	14	16	18
3	0	3	6	9	12	15	18	21	24	27
4	0	4	8	12	16	20	24	28	32	36
5	0	5	10	15	20	25	30	35	40	45
6	0	6	12	18	24	30	36	42	48	54
7	0	7	14	21	28	35	42	49	56	63
8	0	8	16	24	32	40	48	56	64	72
9	0	9	18	27	36	45	54	63	72	81

# Answer Key

## Page 222

x	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144

## Page 223

1. 4    2. 7
3. 1    4. 8
5. 4    6. 6
7. 9    8. 7
9. 2    10. 7
11. 9    12. 0
13. 0    14. 8
15. 3    16. 8

## Page 224

1. 16    2. 80
3. 0    4. 90
5. 100    6. 30
7. 48    8. 40
9. 18    10. 100
11. 60    12. 81
13. 0    14. 27
15. 900

## Page 225

1. A    2. B
3. C    4. C
5. D    6. C
7. D    8. C
9. C    10. A


## Page 226

1.  $12 \div 3 = 4$   
 $12 \div 4 = 3$
2.  $8 \div 4 = 2$   
 $8 \div 2 = 4$
3.  $10 \div 2 = 5$   
 $10 \div 5 = 2$
4.  $18 \div 3 = 6$   
 $18 \div 6 = 3$
5.  $12 \div 6 = 2$   
 $12 \div 2 = 6$
6.  $20 \div 5 = 4$   
 $20 \div 4 = 5$


## Page 227

1.  $56 \div 8 = 7$     2.  $36 \div 4 = 9$     3.  $25 \div 5 = 5$   
 $56 \div 7 = 8$      $36 \div 9 = 4$
4.  $42 \div 6 = 7$     5.  $24 \div 3 = 8$     6.  $14 \div 2 = 7$   
 $42 \div 7 = 6$      $24 \div 8 = 3$      $14 \div 7 = 2$
7.  $35 \div 7 = 5$     8.  $72 \div 8 = 9$     9.  $32 \div 4 = 8$   
 $35 \div 5 = 7$      $72 \div 9 = 8$      $32 \div 8 = 4$
10. 9 stamps

## Page 228

1. 7    2. 4    3. 4
- 
4. 1    5. 1
  - 2    2
  - 3    3
  - 4    4
  - 5    5
  - 6    6
  - 7    7
  - 8    8
  - 9    9
  6.  $16 \div 2 = 8$
  7.  $21 \div 3 = 7$  or  
 $21 \div 7 = 3$
  8.  $2 \times 9 = 18$   
 $18 \div 2 = 9$
  9.  $1 \times 3 = 3$   
 $3 \div 3 = 1$  or  
 $3 \div 1 = 3$
  10. 1

## Page 229

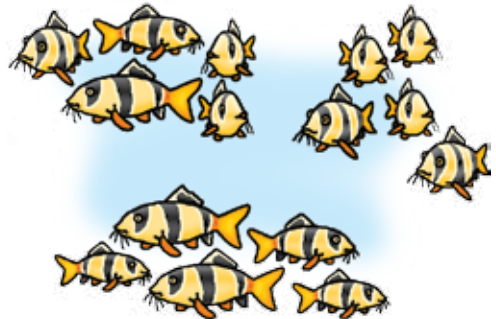
1. 5    2. 6
- 
3. 1    4. 1    5. 3
  - 2    2    2
  - 3    3    8
  - 4    4    8
  - 5    5    1
  - 6    6    4
  - 7    7    9
  - 8    8    7
  - 9    9    1
  - 6

## Page 230

1. 1    2. 1    3. 6
- 2    2    21
- 3    3    8
- 4    4    49
- 5    5    6
- 6    6    7
- 7    7    3
- 8    8    56
- 9    9    54

## Page 231

1. 1    2. 1    7.  $7 \times 8 = 56$   
 $8 \times 7 = 56$   
 $56 \div 7 = 8$   
 $56 \div 8 = 7$
3. 40, 5  
8, 5
4. 6, 54  
6, 54
5. 9, 9  
9, 9
6. 64, 8
8.  $1 \times 9 = 9$   
 $9 \times 1 = 9$   
 $9 \div 1 = 9$   
 $9 \div 9 = 1$
9.  $7 \times 9 = 63$   
 $9 \times 7 = 63$   
 $63 \div 7 = 9$   
 $63 \div 9 = 7$





# Answer Key

## Page 245

- 312
- 448
- 234
- 852
- 1,281
- 2,946
- 507
- 2,220
- 3,660
- 1,380 pounds
- 6 ostriches = 2,070 pounds

## Page 246

- 903
- 570
- 1,950
- 4,230
- 2,412
- 2,250
- 1,530
- 818
- 1,428
- 3,150
- 3,654
- 5,360
- $302 \times 8 = 2,416$
- $605 \times 8 = 4,840$
- $340 \times 5 = 1,700$
- $260 \times 7 = 1,820$  or  $270 \times 7 = 1,890$

## Page 247

- 6,666
- 15,705
- 8,028
- 36,856
- 15,536
- 15,783
- 21,735
- 16,200
- 31,750
- 9,000 pounds

## Page 248

- $3 \times 6 = \$18$
- $\$8 \times 7 = \$56$
- $\$40 \times 3 = \$120$
- $\$1 \times 9 = \$9$
- $\$17.58$
- $\$56.42$
- $\$127.50$
- $\$8.01$
- $\$28.50$
- $\$29.96$
- $\$114.87$
- $\$5.88$

## Page 249

- $3 \times \$5.75 = \$17.25$
- $6 \times \$1.99 = \$11.94$
- $4 \times \$12.50 = \$50.00$
- $5 \times \$7.09 = \$35.45$
- $8 \times \$6.65 = \$52.80$
- $4 \times (\$7.25 + \$3.89) = \$44.56$

## Page 250

- 600
- 5,600
- 3,000
- 1,600
- 3,600
- 4,200
- 4,000
- 3,600
- 1,200
- 2,700

11.

x	10	20	40	50	60	80
10	100	200	400	500	600	800
30	300	600	1,200	1,500	1,800	2,400
60	600	1,200	2,400	3,000	3,600	4,800
70	700	1,400	2,800	3,500	4,200	5,600
90	900	1,800	3,600	4,500	5,400	7,200

## Page 251

- 2,387
- 1,012
- 1,023
- 1,428
- 2,332
- 1,550
- 276 postcards

## Page 252

- 960
- 1,560
- 3,150
- 2,030
- 620
- 2,580
- 1,000
- 3,360
- 690
- 3,360
- 3,550
- 3,960
- 900 orchids

## Page 253

- $65 \times 9 = 585$
- $35 \times 2 = 70$
- $653 \times 9 = 5,877$
- $356 \times 2 = 712$
- $6,532 \times 9 = 58,788$
- $3,569 \times 2 = 7,138$
- $93 \times 65 = 6,045$
- $36 \times 25 = 900$

## Page 254

- 60
- 350
- 800
- 5,600
- 900
- 5,400
- 200
- 4,200
- 1,000
- $\$21$
- 14,000
- 3,000
- 69
- 483
- 2,139
- 4,950
- 2,036
- 12,819
- 42,245
- $\$43.12$
- $\$211.50$
- 1,081
- 2,220
- 4,920

## Page 255

- B
- B
- B
- C
- D
- B
- D
- D

## Page 257

- $9; 36 \div 4 = 9$
- $8; 64 \div 8 = 8$
- 3;  $24 \div 8 = 3$
- 3;  $27 \div 9 = 3$
- 9;  $54 \div 6 = 9$
- 6;  $30 \div 5 = 6$
- 4
- 4
- 7
- 6
- 10
- 10
- 10
- 8
- 14
- 8
- 9
- 8
- 8
- 4
- 9
- 5
- 9
- 7
- 10 or 11
- 21

## Page 256

- 42
- 23
- 12
- 19
- 19
- 12

## Page 258

- 11 R3
- 9 R2
- 5 R4
- 47 R1
- 12 R5
- 13 R4
- 9 R3
- 22 R1
- 10 R2
- 111 R2
- 8 R9
- 98 R2

## Page 259

- 234
- 84
- 111 R2
- 41 R3
- 95
- 313 R1
- 111 R2
- 69
- 98 R2

## Page 260

- 107
- 203
- 120
- 109
- 240 miles

## Page 261

- 50
  - 30
  - 25
  - 95
  - 75
  - 24
  - 50
  - 454
  - 101
  - 18
  - 72
  - 25
  - 63
  - 25
  - 50
- corn, chocolate

## Page 262

- 6
- 8
- 23 R3
- 120 R3
- 37 R6
- 107
- 172
- 270 R1
- 13
- 215 R2
- 9 R4
- 21 R2
- 136 R4
- 188
- 34 R3
- 78
- 89 R2
- 92 R3
- 115 R3
- 208 R1

## Page 263

- B
- D
- C
- C
- C
- C
- A
- C
- B
- D

## Page 264

1	2	7	6	4	8	5	3	7
7	8	1	4	8	1	5	0	
	9	0		10	3	0	0	0
11	1		12	3	6	6	3	
13	5	14	15				0	
16	2	4	0	0			17	4
18	7	2	9		18	8	5	6

## Page 265

- 4,350 plants
- $\$45.90$
- 19 days
- 16 snapshots

# Answer Key

## Page 266

1. thousands - 0, hundreds - 3, tens - 5, ones - 0
2. thousands - 1, hundreds - 8, tens - 8, ones - 0
3. thousands - 5, hundreds - 5, tens - 0, ones - 0
4. 7,432
5. 6,341
6. 1,095



## Page 267

1. 57,269
2. 305,806
3. 740,053
4.  $30,000 + 4,000 + 500 + 60 + 2$
5.  $600,000 + 20,000 + 1,000 + 700$
6.  $400,000 + 3,000 + 80 + 7$
7. thirty five thousand, six hundred twenty one
8. two hundred forty-six thousand, eight hundred nine

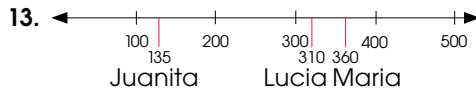


## Page 268

1. 9,103,205
2. 433,647,112
3. 17,221,050
4. ten-millions
5. millions
6. thousands
7. ten-thousands
8. tens
9. hundred-millions

## Page 269

1. >
2. >
3. >
4. <
5. <
6. =
7. <
8. <
9. <
10. 149; 287; 324; 822
11. 2,118; 2,973; 3,006; 3,652
12. 2,821; 2,840; 4,431; 4,931



## Page 270

1. >
2. <
3. >
4. <
5. <
6. <
7. =
8. >
9. 20,000; 20,200; 20,202; 22,000
10. 556,556; 556,565; 565,556; 565,565
11. 33,030; 33,003; 30,300; 30,030
12. 4,705,800; 4,578,000; 4,570,800; 4,507,080
13. 999,999



## Page 271

1. 40
2. 90
3. 60
4. 390
5. 250
6. 810
7. 1,280
8. 4,070
9. 8,760
10. 400
11. 500
12. 400
13. 1,900
14. 2,500
15. 7,500
16. 100
17. 100
18. 0
19. \$2.00
20. \$8.00
21. \$28.00

## Page 272

1. 3,000
2. 7,000
3. 8,000
4. 15,000
5. 41,000
6. 30,000
7. 1,000
8. 0
9. 0
10. 19,000
11. 17,000
12. 12,000
13. 7,000
14. 761,610
15. 761,600
16. 762,000
17. 760,000
18. 800,000
19. 1,000,000

## Page 273

1. >
2. >
3. <
4. =
5. 505; 2,901; 3,666; 3,859; 3,877; 3,921
6. 1,211,501
7. 62,089
8. tens
9. ten thousands
10. 50
11. 130
12. 90
13. 100
14. 600
15. 1,900
16. 100
17. 7,900
18. 55,000
19. 809,000
20. 100

## Page 274

1. 81
2. 81
3. 54
4. 73
5. 792
6. 902
7. 950
8. 963
9. 4,632
10. 8,358
11. 6,288
12. 9,628
13. 90 minutes
14. 648 apples

## Page 275

1. 961
2. 1,261
3. 790
4. 1,243
5. 4,110
6. 9,911
7. 5,220
8. 9,910
9.  $563 + 447 = 1,010$  mousetraps
10.  $1,599 + 2,735 = 4,334$  jokes



## Page 277

1. 17
2. 36
3. 6
4. 454
5. 529
6. 380
7. 26
8. 35
9. 232
10.  $72 - 58 = 14$  inches
11.  $456 - 182 = 274$  pages

## Page 276

1. 112
2. 120
3. 109
4. 1,273
5. 507
6. 1,180
7. 14,372
8. 1,811
9. 207
10. 599
11. 2,987
12.  $250 + 97 + 453 = 800$  pages

## Page 278

1. 387
2. 7,452
3. 5,338
4. 247
5. 466
6. 2,148
7. 1,809
8. 5,999
9. 857
10. 4,907
11. 5,717
12. 989





# Answer Key

## Page 279

1.  $\overset{5}{\cancel{0}}\overset{10}{0}\overset{12}{2}$
2.  $\overset{3}{\cancel{0}}\overset{10}{0}$
3.  $\overset{6}{\cancel{7}}\overset{10}{0}\overset{10}{0}\overset{10}{5}$
4.  $\overset{3}{\cancel{4}}\overset{10}{0}\overset{10}{0}$
5. 87
6. 379
7. 271
8. 447
9. 1,321
10. 6,577
11. 4,341
12. 4,722
13.  $1810 - 1521 = 289$  years



## Page 280

1. 
$$\begin{array}{r} 440 \\ + 320 \\ \hline 760 \end{array}$$
  2. 885
  3. 7,013
  4. 1,575
  5. 2 tens 17 ones
  6. 2,329
- AZTECS

## Page 281

<sup>1</sup> 5	<sup>2</sup> 0	<sup>3</sup> 3	<sup>4</sup> 7	<sup>5</sup> 5	<sup>6</sup> 5	<sup>7</sup> 3	<sup>8</sup> 6
0	<sup>7</sup> 8	<sup>8</sup> 4	<sup>9</sup> 9	<sup>10</sup> 6	<sup>11</sup> 2	<sup>12</sup> 7	<sup>13</sup> 2
<sup>9</sup> 1	<sup>10</sup> 4	<sup>11</sup> 0	<sup>12</sup> 0	<sup>13</sup> 7	<sup>14</sup> 7	<sup>15</sup> 1	<sup>16</sup> 9
<sup>13</sup> 7	<sup>14</sup> 8	<sup>15</sup> 0	<sup>16</sup> 0	<sup>17</sup> 2	<sup>18</sup> 7	<sup>19</sup> 1	<sup>20</sup> 8
<sup>21</sup> 6	<sup>22</sup> 6	<sup>23</sup> 1	<sup>24</sup> 3	<sup>25</sup> 0	<sup>26</sup> 8		

## Page 282

1. 60
2. 4,900
3. 8,000
4. 100
5. 1,000
6. 10,000
7. 140
8. 1,800
9. 12,000
10. 400
11. 1,600
12. 4,900
13. 18,000
14. 30,000
15. 560,000
16. 600
17. 80
18. 140
19. 180
20. 360
21. 0

## Page 283

1. 232
2. 102
3. 584
4. 414
5. 644
6. 816
7. 6,797
8. 762
9. 3,248
10. 4,952
11. 4,566
12. 8,628
13. 55,026
14. 24,920
15. 37,107
16.  $7 \times 24 = 168$  hours
17.  $472 \times 2 = 944$  miles

## Page 284

1. 48
2. 728
3. 248
4. 213
5. 3,577
6. 2,439
7. 1,648
8. 2,196
9. 14,624
10. 15,396
11. 18,282
12. 24,888
13.  $42 \times 4 = 168$  feet
14.  $410 \times 6 = 2,460$  people



## Page 285

1. 2,800
2. 4,808
3. 1,510
4. 2,427
5. 14,014
6. 28,200
7. 16,014
8. 45,540
9.  $8 \times \$205 = \$1,640$
10.  $170 \times 5 = 850$  miles

## Page 286

- 660; 3,020; 825; 5,664  
 6,510; 2,586; 6,102; 2,664  
 3,220; 3,885; 5,328; 792  
 3,775; 2,520; 3,680; 14,180
- THE MISSOURI RIVER

## Page 287

1. 338
2. 4,560
3. 2,272
4. 4,956
5. 5,976
6. 29,376
7. 5,238
8. 31,040

## Page 288

1. 950
2. 3,010
3. 6,084
4. 6,030
5. 7,872
6. 13,680
7. 14,252
8. 38,270
9.  $32 \times 24 = 768$  seats
10.  $12 \times 35 = 420$  inches
11.  $60 \times 24 = 1,440$  minutes
12.  $20 \times 12 \times 3 = 720$  eggs



## Page 289

<sup>1</sup> 5	<sup>2</sup> 3	<sup>3</sup> 6	<sup>4</sup> 1	<sup>5</sup> 2	<sup>6</sup> 8	<sup>7</sup> 5	<sup>8</sup> 2
<sup>9</sup> 7	<sup>10</sup> 5	<sup>11</sup> 0	<sup>12</sup> 4	<sup>13</sup> 1	<sup>14</sup> 2	<sup>15</sup> 9	
<sup>16</sup> 5	<sup>17</sup> 0	<sup>18</sup> 1	<sup>19</sup> 9	<sup>20</sup> 5	<sup>21</sup> 1	<sup>22</sup> 5	
		<sup>23</sup> 6	<sup>24</sup> 0	<sup>25</sup> 6	<sup>26</sup> 8	<sup>27</sup> 0	
<sup>28</sup> 1	<sup>29</sup> 4	<sup>30</sup> 1	<sup>31</sup> 9	<sup>32</sup> 7	<sup>33</sup> 8		

## Page 290

1. 3 R4
2. 5 R1
3. 1 R2
4. 7 R1
5. 8 R7
6. 5 R4
7. 8 R3
8. 7 R7
9. 6 R5

## Page 291

1. 22 R3
2. 14 R5
3. 25
4. 12
5. 31 R1
6. 19 R1
7. 12 R3
8. 19
9. 10 R7
10. 23
11. 19 R4

## Page 292

1. 200
2. 30
3. 100
4. 40
5. 200
6. 251
7. 34 R3
8. 125 R1
9. 41 R5
10. 227 R2
11. 128 R3
12. 88
13. 28 R3
14. 118
15. 84 R6

## Page 293

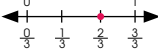
1. 200
2. 20
3. 100
4. 30
5. 300
6. 205 R1
7. 20 R2
8. 109
9. 30 R1
10. 320 R2
11. 20 R3
12. 130 R2
13. 70 R4
14. 207 R2
15. 150 R5

# Answer Key

## Page 294

1. 3	2. 8	3. 7	4. 9	5. 3
6. 8	3	4	7. 1	7
1	8. 9	9. 5	7	8
10. 5	6	0		3
	11. 1	4	12. 6	
13. 6			14. 4	15. 9
16. 2	4	6	8	6
17. 4	8	18. 1	6	3

## Page 295

- $\frac{5}{8}$
  - $\frac{5}{6}$
  - $\frac{7}{10}$
  - $\frac{7}{12}$
  - $\frac{2}{3}$
  - $\frac{3}{8}$
  - $\frac{2}{5}$
  - $\frac{5}{9}$
  - $\frac{11}{12}$
  - $\frac{5}{6}$
  - $\frac{3}{4}$
  - $\frac{2}{3}$
- 

## Page 296

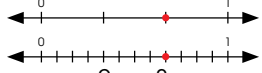
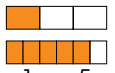
- $\frac{2}{3} = \frac{4}{6}$
- $\frac{3}{4} = \frac{6}{8}$
- $\frac{2}{5} = \frac{4}{10}$
- $\frac{5}{6} = \frac{10}{12}$
- $\frac{2}{3} = \frac{6}{9}$
- $\frac{1}{6} = \frac{2}{12}$
- $\frac{2}{3} = \frac{10}{15}$
- $\frac{3}{8} = \frac{6}{16}$
- $\frac{1}{2} = \frac{6}{12}$
- $\frac{8}{12} = \frac{2}{3}$

## Page 297

- $\frac{1}{4}$
- yes
- yes
- $\frac{1}{3}$
- $\frac{1}{2}$
- yes
- yes
- $\frac{2}{5}$
- $\frac{1}{2}$
- $\frac{1}{2}$
- $\frac{3}{4}$
- $\frac{1}{4}$
- $\frac{2}{5}$
- $\frac{1}{3}$
- $\frac{1}{2}$
- $\frac{3}{4}$
- $\frac{2}{3}$
- $\frac{1}{2}$
- 1
- 0



## Page 298

- $>$
  - $=$
  - $<$
  - $\frac{3}{4} > \frac{3}{8}$
  - $\frac{2}{3} = \frac{8}{12}$
  - $\frac{1}{3} < \frac{5}{6}$
  - $>$
  - $=$
  - $>$
  - $>$
  - $<$
  - $>$
  - $<$
  - $<$
  - $<$
  - $<$
- 
- 

**Challenge:** A fraction is equivalent to  $\frac{1}{2}$  if the denominator is twice as great as the numerator.

## Page 299

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



## Page 300

- $\frac{5}{3} = 1\frac{2}{3}$
- $\frac{14}{10} = 1\frac{2}{5}$
- $\frac{8}{6} = 1\frac{1}{3}$
- $\frac{18}{8} = 2\frac{1}{4}$
- $1\frac{1}{4}$
- $1\frac{1}{2}$
- 2
- $1\frac{1}{4}$
- 1
- $2\frac{1}{4}$
- $3\frac{1}{5}$
- $2\frac{1}{2}$

## Page 301

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



## Page 302

- $\frac{5}{6}$  of the book
- $1\frac{2}{3}$  rolls of tickets
- $2\frac{7}{8}$  yards
- $2\frac{5}{8}$  pizzas
- $3\frac{7}{8}$  inches
- $3\frac{1}{12}$  miles
- $1\frac{3}{4}$  cups of flour
- $3\frac{1}{2}$  feet long

## Page 303

- $1\frac{1}{2}; 3 \times \frac{1}{2} = 1\frac{1}{2}$
- $1\frac{1}{2}; 4 \times \frac{3}{8} = 1\frac{1}{2}$
- $\frac{2}{5}; 2 \times \frac{1}{5} = \frac{2}{5}$
- $4\frac{2}{7}; 5 \times \frac{6}{7} = 4\frac{2}{7}$
- $\frac{2}{9}; \frac{1}{9} + \frac{1}{9} = \frac{2}{9}$
- $3\frac{3}{4}; \frac{5}{4} + \frac{5}{4} + \frac{5}{4} = 3\frac{3}{4}$



# Answer Key

## Page 304

- $\frac{7}{10}$ , seven tenths
- $\frac{7}{100}$ , seven hundredths
- $\frac{70}{100}$ , seventy hundredths
- $2\frac{7}{10}$ , two and seven tenths
- $1\frac{17}{100}$ , one and seventeen hundredths
- $2\frac{71}{100}$ , two and seventy-one hundredths

## Page 305

- $\frac{9}{10}$ , 0.9
- $\frac{9}{100}$ , 0.09
- $1\frac{3}{10}$ , 1.3
- $\frac{31}{100}$ , 0.31
- 3.8
- 0.38
- 5.07
- 0.57
- tenths
- ones
- hundredths
- tens



## Page 306

- 0.70, seventy hundredths  
0.7, seven tenths
- 2.10, two and ten hundredths  
2.1, two and one tenth
- 0.90
- 0.20
- 3.60
- 5.00
- 1.4
- 0.6
- 7.3
- cannot do

## Page 307

- >
- <
- <
- =
- >
- <
- <
- <
- =
- 0.38; 0.83; 3.8; 8.3
- 0.15; 1.05; 1.5; 15
- 0.07; 0.7; 7; 70.0
- 0.02; 0.2; 0.22; 2.0
- 34.61; 346.01; 346.1; 3,461

## Page 308

- 9.6
- 6.88
- 1.35
- 8.00 or 8
- \$33.36
- 12.36
- 15.19
- 25.87
- 54.66
- 6.33
- 4.42
- \$6.36
- 6.75
- 44.88
- \$15.09
- 74.37

## Page 309

- 6.8
- 0.68
- 5.71
- \$3.46
- \$4.51
- 2.7
- 5.3
- \$15.17
- 5.15
- 8.28
- \$11.99
- 84.3 acres
- \$4.61

## Page 310

- D
- B
- C
- B
- A
- B
- D
- D

## Page 311

- 180 minutes
- 64 ounces
- 100,000 cm
- 2,000 mL

## Page 312

- 1,250 m
- 168 in
- 58 in
- taller, 1 in
- $\$ \frac{83}{100}$ , \$0.83
- \$2.25
- 70 cm

## Page 313

- perimeter 26 in  
area 42 in<sup>2</sup>
- perimeter 24 ft  
area 20 ft<sup>2</sup>
- length 11 ft

## Page 314

- $\frac{1}{2}$  in
- $\frac{3}{2}$  in or  $1\frac{1}{2}$
- $\frac{5}{4}$  in or  $1\frac{1}{4}$
- $\frac{11}{8}$  in or  $1\frac{3}{8}$
- 10 in

## Page 315

- measure = 90°
- measure = 120°
- measure = 180°
- measure = 30°

## Page 316

- 
- C and D
- A and C or B and D
- C and D
- J
- acute

