



3

Common Core State Standards

Answer Key

Grade 3

- **English Standards**
- **Math Standards**

**Worksheets and Activities
that teach every standard!**

ENGLISH STANDARDS Pages 4-368

RL.3.1 : Pages 4-11

PAGES 4-5

No answers required.

PAGES 6-9 - FIND IT IN THE TEXT

Read the story, then answer the questions on page 8, and make your own questions on page 9.

Page 8 Sample Answers:

1. They found an envelope with money. SOURCE: Kyle said, "Oh my gosh, there is \$300.00 in here."
2. There was \$300. SOURCE: Kyle said, "Oh my gosh, there is \$300.00 in here."
3. Joey wants to keep it. SOURCE: "Wow!" Cried Joey, "Does that mean we get to keep it?"
4. It is Mary Hill's money. SOURCE: "There is a name on the back. It says Mary Hill."
5. The money is for Mary's sick dog. "That money was to take my sick dog to the vet, and now I seemed to have misplaced it."
6. They get \$20 to split. SOURCE: "I'm going to give you \$20.00 to split."

PAGE 10 - STRIPES

Sample answers...

1. Stripes is the main character. He is a skunk. He has a white stripe and everyone runs away from him.
2. He is an animal with neat fur and a white stripe down his back.
3. All the other animals run away from him.
4. Questions will vary.

PAGE 11 - GLOW STICK

Sample answers...

1. It takes place on a farm. Carter is working in a field, planting crops.
2. REAL: Carter is farming, farming is hard work, seeds grow slowly... FANTASY: The glow stick makes wishes come true, plants growing very fast, plants going back to normal with a wish, people forgot what had happened...
3. The stick seemed to cause trouble when his wishes came true.
4. Questions will vary.

RL.3.2 : Pages 12-19

PAGES 12-13

No answers required.

PAGES 14-15 - WHAT'S THE MORAL OF THE STORY?

Sample answers...

Anyone can help you. Appearances can be deceiving. Don't judge a book by its cover. You never know when someone might help you.

KEY DETAILS:

The lion catches the mouse. The lion spares the mouse.

Hunters catch the lion. The mouse comes to help him.

The mouse repaid the favor. The mouse set the lion free.

PAGES 16-17 - ICARUS AND DAEDALUS

Sample answers...

1. King Minos imprisoned Daedalus.
2. He got his idea from the seagulls.
3. Icarus is Daedalus' son.
4. Don't fly too high or too low.
5. Icarus's wings melted and he drowned in the sea.
6. The message of the story is not to be too proud and to follow directions. The story says that Icarus wanted to be free after being a captive, so he flew very high. His father told him not to fly high. Icarus ignored his father's advice and died.

PAGES 18-19 - THE TORTOISE AND THE HARE

Sample answers...

1. The hare was bragging.
2. The hare was in the front right away.
3. He meant that the rabbit should not brag until he'd actually won the race.
4. He didn't think the tortoise was a good challenger, so he slept.
5. The tortoise won the race.
6. The message is 'slow and steady wins the race.' It means that hard work sometimes wins, even if you're not the fastest. Never give up.

RL.3.3 : Pages 20-25

PAGES 20-21

No answers required.

PAGES 22-23 - DESCRIBING CHARACTERS

Read the story and write about Patty.

Sample Answers...

BEGINNING:

Patty is complaining about food. She pushes her plate away. She whines.

TRAITS: she hates stuff, she whines, she thinks things are yucky, shouting

MIDDLE:

She tries to eat food, but spits it out. She gets sent to her room. She comes up with a plan in her room.

TRAITS: she attempts to eat, but is rude and spits it out. She cries and feels guilty. She thinks about crying to make her parents give her what she wants.

END:

She doesn't eat that night. The next morning she didn't eat. Lunch she didn't eat. Dinner she was starving. She ate everything.

TRAITS: stubborn, wouldn't give up, finally so hungry she gave in. She was full and decided to wait for junk food.

PAGES 24-25 - KNOW THE CHARACTER

Use the graphic organizers to chart the changes a character goes through in a story.

RL.3.4 : Pages 26-32

PAGES 26-27

No answers required.

PAGES 28-30 - WHAT DOES IT MEAN?

Fill out the first column on the organizer on page 29, then read the story. Complete the organizer. Use the blank one on page 30 for other stories. Answers will vary.

PAGE 31 - READING NONLITERAL LANGUAGE

Use the graphic organizer to write down examples of literal and nonliteral language.

PAGE 32 - PERCY AND SALLY

Sample answers:

bored out of their minds
rain cats and dogs
black as coal
wind whistled
crazy storm
dry as a bone
strong as an ox
cool as a cucumber
fish in the water
busy as a bee
flowers danced

RL.3.5 : Pages 33-41

PAGES 33-34

No answers required.

PAGES 35-38 - WHERE CAN I FIND IT?

Use the graphic organizers on pages 36, 37, and 38 to keep describe the parts of a story, poem, or play.

Sample answers for page 36:

There are 4 stanzas.

Stanza 1 = There are pumpkins, masks, and bats. It must be Halloween.

Stanza 2 = Kids are yelling, wearing costumes and hats. It must be Halloween.

Stanza 3 = The wind is blowing, there is lots of candy, bag is heavy. It must be Halloween.

Stanza 4 = It's eight o'clock, time to go home, everyone is smiling. It must be Halloween.

Summary = Decorations, costumes, and the weather are all hints that it is Halloween.

PAGE 39 - DRAMA, POEMS, STORIES

Top left = DRAMA, scene

Top right = POEM, stanza

Bottom right = STORY, chapter

PAGE 40 - ROBERT FROST

Read the poem and respond to the questions. Answers vary.

PAGE 41 - WHAT KIND OF STORY?

The Odyssey = mythology

Plays for Children = play

Cinderella = fairy tale

Arthur's Pet Business = story (fiction)

America's Children = photo essay

Aesop's Fables = fable

Harry Potter = fantasy

The Revolutionary War = history

Holes = realistic fiction (mystery acceptable)

A Light in the Attic = poem

The Boxcar Children = mystery (realistic fiction acceptable)

Dinosaurs = non-fiction

RL.3.6 : Pages 42-51

PAGES 42-43

No answers required.

PAGES 44-47 - MY POINT OF VIEW

Use the story and the provided worksheets to compare the student's point of view to the character's. Answers will vary.

PAGES 48-49 - SMALL THINGS ADD UP

Use the story on page 49 to answer the questions about character points of view on page 48. Answers will vary.

PAGES 50-51 - INSIDE THE GAME

Use the story on page 51 to answer the questions about character points of view on page 50. Answers will vary.

RL.3.7 : Pages 52-57

PAGES 52-53

No answers required.

PAGES 54-55 - DESCRIBING CHARACTERS AND SETTING

Use the story and the provided worksheet to illustrate the characters and setting from the story on page 54. Answers vary.

PAGE 56 - ILLUSTRATIONS

Choose a book to illustrate a picture of and describe. Answers and illustrations will vary.

PAGE 57 - MYTHOLOGICAL ILLUSTRATIONS

Use the suggested book or another mythological/fairy tale book. Use the book to illustrate a picture of and describe. Answers and illustrations will vary.

RL.3.9 : Pages 58-63

PAGES 58-59

No answers required.

PAGES 60-63 - HOW ARE THEY THE SAME?

Use the graphic organizers and two or more stories. Compare and contrast the stories. Answers vary according to books chosen.

RL.3.10 : Pages 64-69

PAGES 64-65

No answers required.

PAGES 66-67 - I READ ALL THESE BOOKS

Use the cover and inside book critique sheet to have students keep track of the books they read, making a booklet all year long.

PAGES 68-69 - READING LOGS

Use these pages to keep track of student reading and genres.

RI.3.1 : Pages 70-77

PAGES 70-71

No answers required.

PAGES 72-75 - LOOK IN THE TEXT

Using the good readers poster, answer the questions about the Davy Crockett text. An extra, blank resource page has been included.

Sample answers for page 74...

1. Davy Crockett was a great hero and a brave man.

SOURCES: "He was a great hero and a brave man."

2. He was a representative and a soldier.

SOURCES: "He had to go fight the Indians in the War of 1812. He was what is called a Representative... Texans will never forget the Alamo and those brave men like Davy Crockett..."

3. Davy lived from 1786 to 1835.

SOURCES: "He was born in the hills of Tennessee in 1786. In October of 1835..."

4. He was very important in Texas.

SOURCES: "Texans will never forget the Alamo and those brave men like Davy Crockett..."

5. Davy Crockett fought to help Texas be free.

SOURCES: "But Texas wanted to be free, so Davy and his men decided to help Texas."

6. *Answers and questions will vary.*

PAGE 76 - CRAYFISH

Sample answers...

1. This passage is about crayfish. It tells us about crayfish.

2. Crayfish and lobsters both live in water and breathe through gills. Lobsters live in salt water, though.

3. The claws can be used for defense or for crushing and tearing food.

4. *Answers and questions will vary.*

PAGE 77 - MOUNT RUSHMORE

Sample answers...

1. It is a memorial to this country's birth and ideals.

2. The four faces are: George Washington, Thomas Jefferson, Theodore Roosevelt, and Abraham Lincoln.

3. The faces are 60 feet from chin to the top of the heads. The noses are 20 feet long, each mouth is 18 feet wide, and the eyes are 11 feet across.

4. *Answers and questions will vary.*

RI.3.2 : Pages 78-83

PAGES 78-79

No answers required.

PAGES 80-81 - WHAT'S THE MAIN IDEA?

Sample Answers...

MAIN IDEAS:

Rattlesnakes aren't always dangerous. *or...*

If you're careful around snakes, you won't get hurt. *or...*

Be careful around snakes.

KEY DETAILS:

Snakes usually only bite people who are trying to catch or kill them.

Rattlesnakes give warnings to let you know where they are.

Don't touch snakes.

Don't reach into dark corners and holes.

PAGE 82 - JOHN OROZCO

Sample answers...

MAIN IDEA:

John Orozco is a hard worker.

KEY DETAILS:

*John got hurt, but didn't give up. He kept training and competing.

*He trained for the Olympics. That is hard to do!

*He came in 8th place. He is proud of what he accomplished. He didn't give up.

*He is looking forward to competing again in 2016. He is going to try again!

PAGE 83 - EDAMAME

Sample answers...

MAIN IDEA:

Edamame is a popular and healthy food.

KEY DETAILS:

*They are rich in carbohydrates, protein, dietary fiber, and other nutrients. These things are good for you.

*They are common cuisine in Japan, China, and Hawaii. So, people like them in different countries.

*They are a vegetable. Vegetables are good for you.

*They can be eaten boiled, steamed, or in dips. You can enjoy them many ways.

*It is quickly become a favorite tasty and very healthy snack.

RI.3.3 : Pages 84-91

PAGES 84-85

No answers required.

PAGES 86-87 - WHAT COMES NEXT

After reading the story, use the Christmas tree organizer to practice putting events in order. Cut them and reassemble in order to make a correct picture.

PAGES 88-89 - PUTTING STEPS IN ORDER

Use the organizers to help organize events in order.

PAGES 90-91 - GRAPHIC ORGANIZES

Use these organizers to order events in order.

RI.3.4 : Pages 92-99

PAGES 92-93

No answers required.

PAGES 94-97 - HOW DO I FIGURE OUT THIS WORD?

Fill out the column on page 96. Then read the story and finish the rest of the organizer. Use the blank page on page 97 with this or other stories.

Sample Answers for page 96 (for some columns only).

WORD:	CLUES:	ACTUAL MEANING:
Passover	jewish holiday	Jewish Holiday
Matzo	crackers	crackers with stripes and holes
Jewish holiday	prayer, holidays	a religion/culture
	food, games...	a special day

PAGE 98 - WORD MEANINGS

Read the story and respond to the vocabulary questions.

Sample answers for definitions only:

Circumference = the distance around a circle.

Geometry = the study of angles and shapes.

Diameter = The distance across a circle through the center.

PAGE 99 - WORD MEANINGS

Read the story and respond to the vocabulary questions.

Sample answers for definitions only:

Virus = a microscopic organism that invades your body and makes you sick when it spreads.

Germs = small organisms that make you sick.

Bacteria = colony organisms that reproduce quickly and can make you sick.

Antibodies = cells your body creates to help you fight disease and infection.

RI.3.5 : Pages 100-108

PAGES 100-101

No answers required.

PAGES 102-106 - I HAVE TEXT FEATURES

Use the cards provided to find examples of text features. Use the tic-tac-toe game to practice more.

PAGE 107 - USING THE TEXT FEATURES

Answers will vary as students write about avalanches.

PAGE 108 - MAKING A RESOURCE PAGE

Use the organizer to find and record examples of each text feature.

RI.3.6 : Pages 109-114

PAGES 109-110

No answers required.

PAGES 111-112 - COMPARING POINTS OF VIEW

Use the graphic organizers to compare viewpoints. Answers vary.

PAGES 113-114 - ANOTHER VIEW

Use the writing papers to write about different viewpoints.

RI.3.7 : Pages 115-120

PAGES 115-116

No answers required.

PAGES 117-118 - USING THE TEXT TO HELP YOU

Use the organizer on page 118 to explain the Where, When, Who, Why, and How of a story.

Sample answers:

ILLUSTRATION = I knew what the ants look like, especially their feet and legs.

WHERE: scientists' labs

WHEN: 1904 and present

WHO: scientists and ants

WHY: to see how ants know how to get home

HOW: some ants had stilts, others had shorter legs. They all had to try to get home. They count their steps.

PAGE 119 - FINDING INFORMATION

1. Missouri to California

2. 18 months

3. \$1.00

4. They went bankrupt.

5. Ages 15-25.

6. 10 days

7. telegraph

PAGE 120 - USING THE TEXT AND ILLUSTRATIONS

Use the graphic organizer to write questions about a text.

RI.3.8 : Pages 121-127

PAGES 121-122

No answers required.

PAGES 123-124 - HOW THE TEXT IS ORGANIZED

Read the story and use the worksheet to discuss cause and effect, sequence, or comparison. Answers Vary.

PAGES 125-126 - BEGINNING OF THE REVOLUTIONARY WAR

Correct Order:

1. The British crown issued many taxes... (actually 1765)

2. The colonists boycotted...

3. The Boston Massacre... (1770)

4. In 1773, after the Tea Tax...

5. The colonists formed the Continental... (actually 1774)

PAGE 127 - MAKING CONNECTIONS

Use the cause and effect graphic organizer to write about an event.

RI.3.9 : Pages 128-132

PAGES 128-129

No answers required.

PAGES 130-132 - COMPARING TEXTS

Use the 3 forms or graphic organizers to help compare and contrast texts. Answers vary.

RI.3.10 : Pages 133-138

PAGES 133-134

No answers required.

PAGES 135-136 - I READ ALL THESE BOOKS

Use the cover and summary to make a booklet of books read.

PAGES 137-138 - READING LOGS

Use these pages to keep track of student reading and genres.

RF.3.3 : Pages 140-181

PAGES 139-140

No answers required.

PAGES 141-144 - READ IT!

Sort the words according to number of syllables - 2, 3, or 4.

PAGES 145-158 - BARNYARD PREFIX MATCH

Match the words to definitions, and then use those skills on page 158.

COLUMN 1:	COLUMN 2:
unfair	mistreat
unlocked	misspell
uneasy	mislead
unsafe	misunderstand
retell	nonsense
repay	nonstop
remake	nonfiction
rebuild	nontoxic
preview	disagree
preteen	dishonest
preschool	dislike
pretest	disappear

PAGES 159-171 - SUFFIX PUMPKIN PATCH

-er answers

COLUMN 1:	COLUMN 2:
announcer	dancer
teacher	singer
player	trainer

-er answers (page 2)

COLUMN 1:	COLUMN 2:
bigger	faster
taller	smaller
sadder	happier

-ful answers

COLUMN 1:	COLUMN 2:
cheerful	helpful
joyful	thankful
wonderful	hateful

-less answers

COLUMN 1:	COLUMN 2:
hopeless	homeless
helpless	fearless
loveless	timeless

-ly answers

COLUMN 1:	COLUMN 2:
poorly	bravely
angrily	sadly
happily	excitedly

-ness answers

COLUMN 1:	COLUMN 2:
weakness	kindness
shyness	fullness
emptiness	loneliness

PAGES 172 - SUFFIXES

1. dancer
2. thankful
3. helpful
4. bravely
5. wonderful
6. teacher
7. excitedly
8. announcer
9. poorly
10. singer

RF.3.3 : CONTINUED

PAGE 173 - SUFFIXES

1. hopeless
2. faster
3. kindness
4. taller
5. fearless
6. fullness
7. homeless
8. happier
9. helpless
10. smaller

PAGE 174 - USING LATIN SUFFIXES

Match the pirates to the treasure map cards that fit. Practice those skills on page 179.

COLUMN 1:	COLUMN 2:
agree	digest
allow	collect
catch	indicate
detect	participate
access	act
collapse	translate

Sentences will vary.

PAGE 180 - PREFIXES AND SUFFIXES

ROOT:	SUFFIX/PREFIX MEANING:
emigrate	-tion means action of doing something
necessary	-un means not
sincere	-ly means in the fashion of
appear	dis- means opposite
determine	pre- means before
exclaim	-tion means action of doing something
spoon	-ful means full
tour	-ist means person
govern	-ment means process or act of
build	re- means do again
gymnast	-ics means study of

PAGE 181 - JUST IRREGULAR

Sample answers:

MANY = meny, men-e

COME = cum

SAID = sed

ENOUGH = enuf, e-nuf

COULD = kood, coud

CHAOS = kay-os, kaos

OCEAN = oshun, oshen

BOLOGNA = ba-lo-ne, ba-low-ney

CLIMB = klim

RF.3.4 : 182-194

PAGES 182-183

No answers required.

PAGES 184-192 - READ IT FLUENTLY

Practice reading the sentences with the role cards.

PAGES 193-194 - READING WITH FLUENCY

Practice reading these passages and keep track of words read correctly per minute.

W.3.1 : Pages 195-200

PAGES 195-196
No answers required.

PAGES 197-200 - WHAT DO YOU THINK
Use the graphic organizers to plan and write an opinion-based paper.

W.3.2 : Pages 201-206

PAGES 201-202
No answers required.

PAGES 203-206 - TELL US ABOUT IT!
Use the graphic organizers to plan and write an explanatory paper.

W.3.3 : Pages 207-212

PAGES 207-208
No answers required.

PAGES 209-212 - TELL US A STORY
Use the graphic organizers to plan and write a narrative.

W.3.4 : Pages 213-220

PAGES 213-214
No answers required.

PAGES 215-218 - WISHES AND STARS!
Use the planners and hint sheets to write a draft and revise.

PAGES 219-220 - WRITING IN THIRD GRADE
Use the rules sheets and topic chooser page to help plan quality writing.

W.3.5 : Pages 221-226

PAGES 221-222
No answers required.

PAGES 223-226 - STRENGTHEN YOUR WRITING!
Use the editing and revising pages to help with writing better quality pieces.

W.3.6 : Pages 227-231

PAGES 227-228
No answers required.

PAGES 229-230 - PUBLISH IT
Use the checklists and other organizers to use technology to publish papers. There are planning sheets and checklists, too.

PAGE 231 - USING DIGITAL RESOURCES
Use this checklist to track student skills with technology.

W.3.7 : Pages 232-242

PAGES 232-233
No answers required.

PAGES 234-240 - FIND OUT MORE!
Use the organizers and writing sheets to write about and expand upon a research project.

PAGE 241 - RESEARCH PROJECTS
Use this planning sheet to write down information from different sources in each information box.

PAGE 242 - RESEARCH PROJECTS (SOURCES)
Practice writing down sources for research, citing sources and making a bibliography.

W.3.8 : Pages 243-250

PAGES 243-244
No answers required.

PAGES 245-246 - RESEARCHING
Use these graphic organizers to assemble a research report on a State or Province.

PAGES 247-248 - RESEARCHING
These pages can be used to organize information for any type or research project.

PAGES 249-250 - TAKING NOTES
These two organizers help students take notes on what they are listening to or reading.

W.3.10 : Pages 251-258

PAGES 251-252
No answers required.

PAGES 253-256 - LET'S WRITE
Use the writing prompts on the writing pages. Add your own writing prompts to have students practice writing different styles.

PAGES 257-258 WRITING LOGS
Use these pages to keep track of student writing and writing in different genres.

SL.3.1 : Pages 259-262

PAGES 259-260
No answers required.

PAGES 261-262 - LET'S TALK ABOUT IT
Use the conversation cards and checklist to have discussions. Keep track of students' communication skills using the checklists.

SL.3.2 : Pages 263-266

PAGES 263-264

No answers required.

PAGES 265-266 - LISTEN FOR THE MAIN IDEA

Use the graphic organizers to help find main ideas and key details.

SL.3.3 : Pages 267-274

PAGES 267-268

No answers required.

PAGES 269-273 - ASK ME ABOUT IT

Use the question cards to have a discussion. Use the follow-up question cues to get more information.

PAGE 274 - ASKING QUESTIONS

Practice using open and close-ended questions and keep track of them with this worksheet.

SL.3.4 : Pages 275-285

PAGES 275-276

No answers required.

PAGES 277-284 - TELL THE GROUP

Use the question cards to have a discussion. Use the critique on page 284 to decide if the speaker did a good job.

PAGE 285 - REPORT ON A TOPIC

Use this organizer to prepare a report on an article. Use the notes here to speak and share with your class.

SL.3.5 : Pages 286-292

PAGES 286-287

No answers required.

PAGES 288-291 - READ IT ALOUD

Read the story aloud, recording if possible. Practice pacing, and emphasis. Use the checklist on page 291 to grade yourself.

PAGE 292 - MAKE AN AUDIO RECORDING

Use this resource sheet to help make audio recordings on computer.

SL.3.6 : Pages 293-296

PAGES 293-294

No answers required.

PAGE 295 - HELP IS ON THE WAY!

Use these question sheets to help students ask for help.

PAGE 296 - SPEAKING IN COMPLETE SENTENCES

Use this planner to help plan a speech in complete sentences.

L.3.1 : Pages 297-306

PAGES 297-298

No answers required.

PAGES 299-302

Practice sorting the verbs and word strips by tense. Use those skills on page 301-302.

PAGE 301:

We played / We play / We will play
She brushed / She brushes / She will brush
I watched / I'm watching / I will watch

PAGE 302:

He fished / He fishes / He will fish
They raked / They are raking / They will rake
A crab pinched / A crab pinches / A crab will pinch

PAGE 303 - VERB TENSES

1. watch
2. played
3. will buy
4. climbed
5. will bake
6. is walking (walked might make sense, as it might have just occurred and is therefore completed.)
7. Answers Vary
8. Answers Vary

PAGE 304 - ADVERBS ADVERBS

Sample answers...

1. quietly - it describes the volume they played at
2. brightly - it describes how much light the candle gives off
3. patiently - it describes mom's feelings as she waited for me
4. loudly - it describes how loud the bird is toward the cat
5. shyly - it describes the sister's feelings as she hid
6. finally - it describes how long it took to get the books

PAGE 305 - AGREEMENT

1. eats
2. ride
3. likes
4. wait
5. sells
6. cooks
7. roll
8. talk

PAGE 306 - COMPARATIVE AND SUPERLATIVE

1. farthest
2. fewer
3. healthier
4. brighter
5. most amazing
6. more fun
7. shallower
8. newer

L.3.2 : Pages 307-319

PAGES 307-308

No answers required.

PAGES 309-315 - WHO DOES IT BELONG TO?

Practice using possessives with the cards and game. Then use those skills to do the worksheet on page 315.

Answers from top to bottom...

1. boys'
2. dogs'
3. restaurant's
4. pool's
5. trees'
6. teams'
7. baby's
8. classrooms'
9. boy's
10. house's
11. answers vary
12. answers vary

PAGE 316 - FIXING SENTENCES

1. Candace and Margaret went to the USO dance last night.
2. The Korean War lasted from June 25, 1950 to July 27, 1953.
3. June 6, 1944, is also known as D-Day.
4. Sergeant Roy joined his outfit in Livingston, Louisiana in 1863.
5. The first shots rang out on April 19, 1775, in Lexington, MA.
6. The Lusitania sunk in 1915, bringing the U.S. into World War 1.
7. President Roosevelt said, "December 7, 1941, a date which will live in infamy."
8. Operation Desert Shield began on August 7, 1990, when troops were sent to Saudi Arabia.
9. Robert ran to Sonny's Grocery with a ration coupon to buy some sugar.
10. Why was the United States change forever on September 11, 2001?
11. The American Red Cross was founded by Clara Barton in the late 1800s.
12. The United States entered the Vietnam War to fight communism.

PAGES 317-318 - FIXING SPELLING

The answer key is on page 318, but the answers are repeated here as well.

PARAGRAPH 1:

nown = known, eskaped = escaped, forma = former, spie = spy, Sivil = Civil, historey = history

PARAGRAPH 2:

ushuly = usually, tradishnul = traditional, nurseing = nursing, allso = also, riter = writer, Ajent = Agent

PARAGRAPH 3:

becuase = because, slavrey = slavery, convinsed = convinced, cawght = caught

PAGE 319 - PLURAL VS. POSSESSIVE

1. Kitty's
2. lollipops
3. tree's
4. Mrs. Clark's
5. toys
6. stars
7. crayons / mom's
8. aunt's / bees'

L.3.3 : Pages 320-327

PAGES 320-321

No answers required.

PAGES 322-323 - SPOKEN OR WRITTEN?

Sort the cards into the correct categories.

SPOKEN:

I betcha can't eat ten hot dogs!
I wanna go to the store.
I like you cuz you're nice.
Long time, no see.
And what time will y'all be at school?
I saw Jack and Jane and Mike at the pool.

WRITTEN:

I bet you can't eat ten hot dogs!
I want to go to the store.
What time will you be at school?
I haven't seen you for such a long time.
I saw Jack, Jane, and Mike at the pool.
I like you, because you're nice.

PAGE 324 - CHARACTERISTICS OF LANGUAGE

Use this worksheet to determine the differences between spoken/informal language and written/formal language.

PAGE 325 - SPOKEN VS. WRITTEN

Write examples of spoken and written speech.

PAGE 326 - WRITING WITH EFFECT

Use descriptive writing to describe the silly pictures.

PAGE 327 - SPOKEN OR WRITTEN?

Some answers may be subjective...

COLUMN 1:

informal spoken
formal written
formal spoken
informal spoken

COLUMN 2:

formal written
informal written
formal written (informal as well?)
formal spoken

L.3.4 : Pages 328-340

PAGES 328-329

No answers required.

PAGES 330-333 - DICTIONARY DIVE

Use the dictionary journal page on page 333 to record definitions from the definition cards. Dictionaries will be required.

PAGES 334-337 - EXPLORING NEW WORLDS

Use the root words and prefix cards to make words. Then find them in books, like a scavenger hunt. Record finds on page 337.

PAGE 338 - MULTIPLE MEANINGS

WORD: LEFT PICTURE: RIGHT PICTURE:

duck =	man dodging	bird
ring =	phone ringing	ring for your finger
skate =	dino on skates	skate (stingray relative)
slide =	playground slide	sliding on ice
bowl =	bowling sport	blue bowl
court =	tennis court	judge's court

PAGE 339 - MAKING NEW WORDS

- manageable = something you are able to manage
- puzzlement = the feeling of being puzzled
- unicycle = a bike with 1 wheel
- advisor = someone who advises
- autobiography = a biography written by yourself
- wishful = full of wishes
- brotherhood = a group that feels like brothers
- bifocal = glasses that focus 2 ways
- multi-colored = something more than 1 color.

PAGE 340 - DEFINING WORDS

Keep a student dictionary log on this page.

L.3.5 : Pages 341-356

PAGES 341-342

No answers required.

PAGES 343-352 - IDIOMS

Practice figuring out the true meanings of these common idioms. Draw pictures and explain them on the pages provided.

PAGE 353-354 - FIGURATIVE LANGUAGE

The answer key is on page 354, and is repeated here. Some of these answers are subjective...

COLUMN 1:	COLUMN 2:	COLUMN 3:
personification	metaphor	idiom
simile	hyperbole	hyperbole
hyperbole	idiom	simile
idiom	hyperbole	metaphor
simile	personification	simile
idiom	metaphor	personification

PAGE 355 - FIGURATIVE LANGUAGE ORGANIZER

Use the graphic organizer to explain words or phrases.

PAGE 356 - CERTAIN ABOUT THAT?

WORD:	DEGREE:	SENTENCE:
certain	weak	sentences vary...
unlikely	weak	sentences vary...
undoubtedly	strong	sentences vary...
perhaps	weak	sentences vary...
definitely	strong	sentences vary...
possibly	weak	sentences vary...
wonder	weak	sentences vary...
might	weak	sentences vary...
probably	strong/weak	sentences vary...

L.3.6 : Pages 357-368

PAGES 357-358

No answers required.

PAGES 359-365 - COLLECTING WORDS

Use the pages to collect words of the different parts of speech.

PAGE 366 - WORD STUDY

Use the graphic organizer to build a meaning for a key word.

PAGE 367 - SPATIAL WORDS

- beneath
- across
- astride
- toward
- within
- aboard
- underneath
- beyond

PAGE 368 - TEMPORAL WORDS

- tomorrow
- prior to
- next year
- subsequently
- concurrently
- followed by
- first of all
- thereafter

MATH STANDARDS Pages 370-846

3.OA.1 : Pages 370-398

PAGES 370-371

No answers required.

PAGES 372-375 - BE THE BAKER

Use the apples to practice multiplication and division skills. The answer key for page 374 is on page 375. The answers are repeated here.

PAGE 374:

1. There are 6 ways: 1×20 , 2×10 , 4×5 , 5×4 , 10×2 , 20×1
2. 4 pies
3. 5 apples \times 4 pies = 20 apples. 20 apples \div 5 apples per pie = 4 pies.
4. 4 sets of 5 apples makes 20 apples. $5 + 5 + 5 + 5 = 20$ apples. $4 \times 5 = 20$ apples. etc...

PAGES 376-378 - BE THE BAKER

Use the gingerbread men to practice multiplication and division skills. The answer key for page 377 is on page 378. The answers are repeated here.

PAGE 377:

1. There are 8 ways: 1×56 , 2×28 , 4×14 , 7×8 , 8×7 , 14×4 , 28×2 , 56×1
2. 7 boxes
3. 7 boxes \times 8 cookies each = 56 cookies. $8 \times 7 = 56$
4. There are 7 boxes of 8 cookies, which equals 56 cookies. If each box holds 8 cookies, then 7 boxes will hold all 56 cookies. There are 7 sets of 8 cookies, and $7 \times 8 = 56$.

PAGE 379 - BE THE BAKER HINT SHEET

Use this hint sheet to help solve the problems.

PAGES 380-395 - GROUPING FOR GROCERIES

Match the picture cards to the problem cards.

PAGE 396 - SHOW THE PRODUCT

Answers vary according to method. The answers for arrays and addition problems are shown.

COLUMN 1:	COLUMN 2:	COLUMN 3:
$4 + 4 = 8$	$5 + 5 = 10$	$3 + 3 + 3 = 9$
4 rows, 2 columns	5 rows, 2 cols	3 rows, 3 cols
$4 + 4 + 4 = 12$	$6 + 6 = 12$	$7 + 7 + 7 = 21$
4 rows, 3 columns	6 rows, 2 cols	7 rows, 3 cols
$5 + 5 + 5 + 5 + 5 = 25$	$2 + 2 + 2 + 2 + 2 + 2 + 2 = 14$	$8 + 8 + 8 = 24$
5 rows, 5 columns	2 rows, 9 cols	8 rows, 3 cols
$2 + 2 = 4$	$4 + 4 + 4 = 16$	$5 + 5 = 10$
2 rows, 2 columns	4 rows, 4 cols	5 rows, 2 cols

PAGES 397-398 - MATCH THE PRODUCT

Answers repeated from page 398 answer key.

5×4 (4th answer), 3×7 (6th), 2×8 (2nd), 5×5 (3rd), 8×3 (1st), 9×2 (5th), 7×1 (7th)

3.OA.2 : Pages 399-426

PAGES 399-400

No answers required.

PAGES 401-404 - QUOTIENT QUICKIES

Practice division skills with the whale cards. Then use those skills on the worksheet on page 404.

PAGE 404:

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

PAGES 405-423 - SHARING WITH WHOLE NUMBERS

Match the picture cards to the problem cards.

PAGE 424 - SHOW THE QUOTIENT

Answers vary according to method.

COLUMN 1:	COLUMN 2:	COLUMN 3:
$16 \div 4 = 4$	$24 \div 8 = 3$	$32 \div 2 = 16$
4 groups of 4	3 groups of 8	16 groups of 2
$45 \div 9 = 5$	$2 \div 2 = 10$	$66 \div 11 = 6$
5 groups of 9	10 groups of 2	6 groups of 11
$38 \div 2 = 19$	$50 \div 5 = 10$	$63 \div 3 = 21$
19 groups of 2	10 groups of 5	21 groups of 3
$9 \div 1 = 9$	$56 \div 8 = 7$	$49 \div 7 = 7$
9 groups of 1	7 groups of 8	7 groups of 7

PAGE 425-426 - MATCH THE QUOTIENT

The answer key is on page 426 and is repeated here.

- $8 \div 2 = 4$ th answer down
 $16 \div 4 = 4$ th answer
 $20 \div 5 = 4$ th answer
 $40 \div 10 = 4$ th answer
 $28 \div 4 = 7$ th answer
 $36 \div 12 = 3$ rd answer
 $25 \div 5 = 5$ th answer

3.OA.3 : Pages 427-445

PAGES 427-428

No answers required.

PAGES 429-434 - A WORLD OF PROBLEMS

Match the word problems to the pictures or arrays.

PAGES 435-443 - WHO CAN DIVIDE?

Match the word problems to equation cards.

PAGE 444 - MULTIPLYING NUMBER STORIES

1. $5 \times 16 = 80$ potatoes
2. $7 \times 12 = 84$ chairs
3. $8 \times 6 = 48$ pieces of candy
4. $8 \times 11 = 88$ pages
5. $25 \times 4 = 100$ legs

PAGE 445 - MULTIPLYING NUMBER STORIES

1. $90 \div 15 = 6$ cookies
2. $100 \div 5 = 20$ plates
3. $72 \div 6 = 12$ bundles
4. $42 \div 6 = 7$ sheep
5. $99 \div 9 = 11$ wedges

3.OA.4 : Pages 446-480

PAGES 446-447

No answers required.

PAGES 448-454 - MOUSE'S MISSING NUMBERS (DIVISION)

Match the answer cards to the equation cards to fill in the correct missing numbers. Use these skills on page 454.

PAGE 454:

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

PAGES 455-464 - MOUSE'S MISSING NUMBERS (MULTIPLYING)

Match the answer cards to the equation cards to fill in the correct missing numbers. Use these skills on page 454.

PAGE 464:

COLUMN 1:	COLUMN 2:	COLUMN 3:
1. 2	2. 7	3. 6
4. 9	5. 8	6. 7
7. 5	8. 8	
9. 8	10. 9	11. 8
12. 7	13. 7	14. 4
15. 9	16. 4	17. 9
18. 4	19. 7	20. 3

PAGES 465-476 - ON THE ROAD TO FIND THE ANSWER

Match the question cards to the answer cards. Practice these skills on page 476.

PAGE 476:

- $3 \times ? = 15$ (5)
 $18 \div ? = 6$ (3)
 $2 \times ? = 14$ (7)
 $15 \div ? = 5$ (3)
 $16 \div ? = 4$ (4)
 $5 \times ? = 10$ (2)

PAGE 477 - MAKE IT TRUE

COLUMN 1:	COLUMN 2:
1. 25	11. 5
2. 3	12. 6
3. 11	13. 28
4. 100	14. 6
5. 5	15. 90
6. 64	16. 12
7. 8	17. 48
8. 9	18. 4
9. 10	19. 5
10. 72	20. 7

PAGES 478 - FIND THE MISSING NUMBER

COLUMN 1:	COLUMN 2:
1. 15	11. 4
2. 6	12. 3
3. 3	13. 40
4. 100	14. 10
5. 4	15. 10
6. 25	16. 10
7. 5	17. 24
8. 7	18. 8
9. 9	19. 7
10. 48	20. 2

3.OA.4 : CONTINUED

PAGE 479 - COLOR THE UNKNOWN NUMBER

Answers from left to right, with number and color...

COLUMN 1:	COLUMN 2:	COLUMN 3:
6 red	5 blue	10 green
5 blue	10 green	12 yellow
9 purple	5 blue	8 orange
10 green	8 orange	9 purple
12 yellow	6 red	12 yellow
8 orange	5 blue	8 orange
10 green	5 blue	12 yellow
6 red	9 purple	6 red

PAGE 480 - COLOR THE UNKNOWN NUMBER

Answers from left to right, with number and color...

COLUMN 1:	COLUMN 2:	COLUMN 3:
7 purple	5 blue	8 green
5 blue	4 red	6 orange
8 green	5 blue	6 orange
7 purple	4 red	8 green
9 yellow	7 purple	9 yellow
8 green	9 yellow	6 orange
5 blue	4 red	8 green
8 green	7 purple	9 yellow

3.OA.5 : Pages 481-523

PAGES 481-482

No answers required.

PAGES 483-502 - PENGUIN'S PROPERTY PROBLEMS

Match the property cards to problems. One set is color-coded as an answer key. The other set is B&W for a greater challenge. Practice solving the problems, and then match the properties on page 502.

Answers for page 502, from left to right.

COLUMN 1:	COLUMN 2:	COLUMN 3:
Commutative	Distributive	Associative
Associative	Distributive	Commutative

PAGE 503 - PENGUIN'S PROPERTY PROBLEMS

Each problem can be redone to show the property, or new examples can be made.

ASSOCIATIVE: COMMUTATIVE: DISTRIBUTIVE:

$$7 \times (3 \times 5) = (7 \times 3) \times 5 \quad 8 \times 5 = 5 \times 8 \quad 4 \times (4 + 2) = 4 \times 4 + 4 \times 2$$

$$5 \times (4 \times 1) = (5 \times 4) \times 1 \quad 4 \times 9 = 9 \times 4 \quad 3 \times (7 + 4) = 3 \times 7 + 3 \times 4$$

PAGES 504-521 - ON THE WATER WAY WITH ARRAYS

Match the problem cards to the array cards. There are 2 problems per array.

PAGE 522 - MULTIPLYING WITH STRATEGIES

Solving methods will vary, but the answers are shown below.

COLUMN 1:	COLUMN 2:
28	60
54	40
48	40
27	60

PAGE 523 - MULTIPLYING WITH STRATEGIES

Solving methods will vary, but the answers are shown below.

COLUMN 1:	COLUMN 2:
84	100
90	74
90	64
96	65

3.OA.6 : Pages 524-559

PAGES 524-525

No answers required.

PAGES 526-538 - MONSTERS MIXED UP MATCH

Put the puzzles together to practice making fact families in division and multiplication problems. They are color coded to help sort. Practice these skills on page 538.

PAGE 538:

1. $3 \times 5 = 15$, $5 \times 3 = 15$ and $15 \div 5 = 3$, $15 \div 3 = 5$
2. $4 \times 8 = 32$, $8 \times 4 = 32$ and $32 \div 8 = 4$, $32 \div 4 = 8$
3. $3 \times 7 = 21$, $7 \times 3 = 21$ and $21 \div 7 = 3$, $21 \div 3 = 7$
4. $4 \times 7 = 28$, $7 \times 4 = 28$ and $28 \div 7 = 4$, $28 \div 4 = 7$
5. $6 \times 5 = 30$, $5 \times 6 = 30$ and $30 \div 5 = 6$, $30 \div 6 = 5$
6. $2 \times 9 = 18$, $9 \times 2 = 18$ and $18 \div 2 = 9$, $18 \div 9 = 2$
7. 2 8. 4
9. 15 10. 4

PAGES 539-547 - MYSTERY MONSTER MATH

Fill in the blanks on the cards with the monster number cards. Practice those skills on pages 548 and 549.

PAGE 548 - INVERSE OF MULTIPLICATION

There are two possible answers for each question.

COLUMN 1:	COLUMN 2:
$24 \div 6 = 4$ or $24 \div 4 = 6$	$12 \div 2 = 6$ or $12 \div 6 = 2$
$28 \div 7 = 4$ or $28 \div 4 = 7$	$27 \div 3 = 9$ or $27 \div 9 = 3$
$14 \div 2 = 7$ or $14 \div 7 = 2$	$48 \div 6 = 8$ or $48 \div 8 = 6$
$36 \div 9 = 4$ or $36 \div 4 = 9$	$21 \div 7 = 3$ or $21 \div 3 = 7$
$30 \div 5 = 6$ or $30 \div 6 = 5$	$45 \div 9 = 5$ or $45 \div 5 = 9$
$32 \div 8 = 4$ or $32 \div 4 = 8$	$63 \div 7 = 9$ or $63 \div 9 = 7$
$8 \div 2 = 4$ or $8 \div 4 = 2$	$54 \div 6 = 9$ or $54 \div 9 = 6$
$20 \div 4 = 5$ or $20 \div 5 = 4$	$72 \div 8 = 9$ or $72 \div 9 = 8$
$18 \div 6 = 3$ or $18 \div 3 = 6$	$32 \div 8 = 4$ or $32 \div 4 = 8$
$30 \div 10 = 3$ or $30 \div 3 = 10$	$24 \div 6 = 4$ or $24 \div 4 = 6$
$9 \div 3 = 3$ or SAME	$70 \div 10 = 7$ or $70 \div 7 = 10$

PAGE 549 - UNKNOWN FACTORS

Answers from left to right...

COLUMN 1:	COLUMN 2:
4	2
4	6
2	32
33	7
5	5
8	7
8	56
5	8
3	4
30	3
3	81

PAGES 550-555 - MAY THE FORCE OF DIVISION BE WITH YOU

Circle the correct answer on each card.

PAGE 556 - SEARCHING FOR ANSWERS

1. $9 \times ? = 45$ (5)
2. $3 \times ? = 3$ (1)
3. $7 \times ? = 56$ (8)
4. $2 \times ? = 20$ (10)
5. $4 \times ? = 16$ (4)
6. $10 \times ? = 30$ (3)

PAGE 557 - DIVIDING WITH MULTIPLICATION

COLUMN 1:	COLUMN 2:
$? \div 4 = 8$ (32)	$12 \times ? = 36$ (3)
$2 \times ? = 10$ (5)	$24 \div 4 = ?$ (6)
$27 \div ? = 3$ (9)	$5 \times ? = 35$ (7)
$6 \times ? = 84$ (14)	$18 \times ? = 90$ (5)

3.OA.6 : CONTINUED

PAGES 558-559 - MATCH THE FACT FAMILIES

PAGE 558

LEFT = RIGHT:

- $16 \div 2 = 8 \times 2$
- $20 \div 4 = 4 \times 5$
- $25 \div 5 = 5 \times 5$
- $60 \div 10 = 10 \times 6$
- $28 \div 4 = 4 \times 7$
- $36 \div 12 = 12 \times 3$
- $45 \div 5 = 5 \times 9$
- $64 \div 16 = 16 \times 4$
- $63 \div 9 = 9 \times 7$

PAGE 559

LEFT = RIGHT:

- $21 \div 7 = 3 \times 7$
- $24 \div 8 = 3 \times 8$
- $30 \div 5 = 6 \times 5$
- $40 \div 10 = 4 \times 10$
- $12 \div 4 = 3 \times 4$
- $33 \div 11 = 3 \times 11$
- $42 \div 7 = 6 \times 7$
- $64 \div 8 = 8 \times 8$
- $49 \div 7 = 7 \times 7$

3.OA.7 : 560-586

PAGES 560-561

No answers required.

PAGES 562-567 - SOLVING MULTIPLICATION

Practice multiplication with the cards provided. Then use those skills on page 567.

Page 567:

- | | |
|--------|--------|
| 1. 14 | 2. 24 |
| 3. 81 | 4. 42 |
| 5. 40 | 6. 45 |
| 7. 14 | 8. 72 |
| 9. 18 | 10. 21 |
| 11. 32 | 12. 54 |

PAGES 568-574 - SOLVING MULTIPLICATION

Practice division with the cards provided. Then use those skills on page 574.

Page 574:

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

PAGES 575-584 - I HAVE, WHO HAS

Practice going through all the steps of the card game. It can be done with a large or small group, but all cards must be handed out.

PAGE 585 - MULTIPLYING WITHIN ONE HUNDRED

COL 1: COL 2: COL 3: COL 4:

54	32	20	81
28	18	48	4
36	15	40	14
25	32	21	56
64	12	30	16
14	6	15	20

PAGE 586 - THAT'S A FACT

Answers are in order from left to right, going top to bottom in each box.

COLUMN 1:	COLUMN 2:	COLUMN 3:
$36 = 4, 9, 9, 36$	$45 = 5, 5, 9, 45$	$72 = 8, 8, 9, 8$
$48 = 8, 6, 8, 48$	$30 = 6, 5, 5, 30$	$40 = 8, 8, 8, 5$
$54 = 9, 9, 9, 54$	$63 = 7, 9, 9, 63$	$42 = 6, 7, 7, 42$
$56 = 7, 7, 7, 56$	$28 = 4, 7, 7, 4$	$60 = 10, 10, 10, 60$

3.OA.8 : Pages 587-608

PAGES 587-588

No answers required.

PAGES 589-594 - SOLVING WORD PROBLEMS

Use the question cards to decide on methods to solve the problems. Fill out answers on pages 593 & 594.

PAGE 593 - SOLVING WORD PROBLEMS

1. T = 12

2. B = 94

PAGE 594 - SOLVING WORD PROBLEMS

Fill out the table to solve the questions. The answers are in the 3rd column.

#1			
PITCHERS	1	2	3
juice	1	2	3
sprite	1	2	3
sherbert	6	12	18

So, 3 cans of juice, 3 bottles of Sprite, and 18 scoops of sherbert are needed.

#2

COMBINATIONS	#1	#2	#3	#4
ROWS OF 5	4	3	2	1
ROWS OF 1	1	6	11	16
TOTAL	21	21	21	21

Labron can plant the seeds 4 ways. (If he tried to plant a 5th row of 5, he wouldn't have enough seeds. He can't plant all rows of 5 either, because he wanted to have rows of 5 and 1)

PAGES 595-598 - SOLVING WORD PROBLEMS

Use the cards on pages 595-597 to help plan and solve the problems. Put your answers on page 598.

Sample Answers for Page 598:

EQUATION:	SOLVE:	ANSWER:
#1 $45 - 14 = j$	show work	$j = 31$
#2 $(32 - 20) \div 4 = c$	show work	$c = 3$
#3 $24 \div 4 = r$	show work	$r = 6$

PAGES 599-606 - EXPLORING WORD PROBLEMS

Write an equation for all 12 problems. Match them to the answer cards. Sample answers are included, but other equations also work.

EQUATION	ANSWER
1. $(36 + 54) \div 2 = i$	45 insects
2. $72 \div (2 \times 3) = c$	\$12 per disk
3. $(45 \div 3) - 12 = y$	3 yellow rolls
4. $(24 - 4) \times 5 = d$	\$100
5. $20 - ((5 \times 1) + (7 \times 0.50)) = h$	\$11.50
6. $36 - (9 + 5) = m$	\$22
7. $42 \div (3 + 4) = y$	\$6
8. $(10 \times 8) \div 20 = s$	4 slices
9. $240 \div (3 + 1) = b$	60 cotton balls per class
10. $(25 + 45) \times 2 = g$	140 pieces
11. $30 \times (2 \times 7) = m$	420 minutes
12. $(10 \times 50) + 600 = m$	\$1100

PAGE 607 - FOLLOWING THE STEPS

- $91 \div 7 = 13$ pieces
- $5 \times 12 = 60$ eggs
- $(20 \times 4) + 3 = 83$ candles
- $(21 \times 4) - 3 = 81$ tulips
- $(24 \times 3) - (2 + 3 + 1) = 66$ crayons

PAGE 607 - FOLLOWING THE STEPS

- $43 - 37 = 6$ cars $(37 + 43) \div 2 = 40$ cars
- $(7 \times 8) - 50 = 6$ slices $6 \div 2 = 3$ slices
- $20 + 14 + 36 = 70$ ties $70 \div 2 = 35$ ties
- $16 \times 5 = 80$ pennies $80 - 36 = 44$ cents

3.OA.9 : Pages 609-644

PAGES 609-610

No answers required.

PAGES 611-622 - PATTERN FUN

Practice adding and multiplying, and then write about the patterns found on pages 621-622.

PAGE 621 - ADDING EVEN AND ODD NUMBERS

Answers and examples will vary. Observations should be as follows...

RULES & EXAMPLES:	OBSERVATIONS:
Even + Even = $2+2$ or $4+6$	Answers are even numbers.
Even + Odd = $4+5$ or $2+3$	Answers are odd numbers.
Odd + Odd = $3+5$ or $1+3$	Answers are even numbers.

PAGE 622 - MULTIPLYING EVEN AND ODD NUMBERS

Answers and examples will vary. Observations should be as follows...

RULES & EXAMPLES:	OBSERVATIONS:
Even x Even = 2×2 or 4×6	Answers are even numbers.
Even x Odd = 4×5 or 2×3	Answers are even numbers.
Odd x Odd = 3×5 or 1×3	Answers are odd numbers.

PAGES 623-629 - PATTERN PAIRS

Match the chalkboards to the rules erasers. Practice those skills on pages 628 and 629.

PAGE 628 - PATTERNS OF ADDING AND MULTIPLYING

PATTERN:	OBSERVATIONS:
1st row: $+2$ / multiples of 2	all even numbers
2nd row: $+4$ / multiples of 4	all even numbers
3rd row: $+5$ / multiples of 5	all end in 5s or 0s
4th row: $+9$ / multiples of 9	10s digit goes up, 1s goes down

PAGE 629 - PATTERNS OF SUBTRACTING AND DIVIDING

PATTERN:	OBSERVATIONS:
1st row: -3	1s digit long pattern
2nd row: -6	evens. 1s digit pattern.
3rd row: -7	1s digit long pattern
4th row: -1	counting down by 1s

PAGE 630 - PROPERTY MONSTERS

Match the product monster cards with their example equations.

Commutative = page 639

Associative = page 640

Identity = page 636

Distributive = page 637

Zero Product = page 638

PAGES 641-642 - FIND THE PATTERNS

Complete the addition and multiplication tables. Find patterns.

PAGE 643 - WHAT'S THE RULE? $+$ / $-$

COLUMN 1:	COLUMN 2:	COLUMN 3:
+5	+8	+30
+25	-10	-9
-8	-20	-7

PAGE 643 - WHAT'S THE RULE? \times / \div

COLUMN 1:	COLUMN 2:	COLUMN 3:
$\times 3$	$\times 5$	$\times 8$
$\times 9$	$\div 5$	$\div 7$
$\div 4$	$\times 1$	$\div 10$

3.NBT.1 : Pages 645-659

PAGES 645-646

No answers required.

PAGES 647 - ROUND IT UP OR DOWN

Match the pink ice cream cones to the nearest 5 ice cream scoops and the purple ones to the nearest 100. Practice those skills on page 650.

NEAREST 10:

94 = 90
286 = 290
967 = 970
406 = 410
744 = 740
872 = 870

NEAREST 100:

574 = 600
118 = 100
470 = 500
130 = 100
581 = 600
342 = 300

PAGES 651-657 - SCOOPING UP HUNDREDS

Use the ice cream cones and the scoops to practice rounding to the nearest 100. Practice those skills coloring on pages 656-657. Answers from top to bottom by color...

PAGE 656: PAGE 657:

pink	red
brown	green
blue	brown
gray	orange
blue	gray

PAGE 658 - ROUND TO THE NEAREST 10

NUMBER ON LEFT: MATCHES TO:

55	60
43	40
72	70
87	90
29	30
34	30

PAGE 659 - ROUND TO THE NEAREST 10

NUMBER ON LEFT: MATCHES TO:

236	200
719	700
283	300
420	400
575	600
867	900

3.NBT.2 : Pages 660-677

PAGES 660-661

No answers required.

PAGES 662-664 - ADDING AND SUBTRACTING TO 1000

Match the color-coded pieces of the equations to make correct equations. Some may be able to be reordered as addition or subtraction problems. Practice those skills on page 664.

Answers from top to bottom...

1. 595
2. 547
3. 523
4. 593
5. 993
6. 266
7. Answers vary.
8. Answers vary.

PAGES 665-675 - DIVING FOR SUMS

Choose the correct answer for each card.

PAGE 676 - ADDING TO ONE THOUSAND

Vertical Problems:

<u>COL 1</u>	<u>COL 2</u>	<u>COL 3</u>	<u>COL 4</u>
710	740	986	717
775	676	692	902

Horizontal Problems:

<u>COLUMN 1</u>	<u>COLUMN 2</u>
660	862
542	958
962	750
799	999

PAGE 677 - SUBTRACTING FROM ONE THOUSAND

Vertical Problems:

<u>COL 1</u>	<u>COL 2</u>	<u>COL 3</u>	<u>COL 4</u>
792	481	701	161
479	321	572	112

Horizontal Problems:

<u>COLUMN 1</u>	<u>COLUMN 2</u>
575	562
395	473
560	500
462	469

3.NBT.3 : Pages 678-687

PAGES 678-679

No answers required.

PAGES 680-684 - MULTIPLYING BY TENS

Practice making up some math problems and recording the answers on page 684.

PAGE 685 - MULTIPLYING BY MULTIPLES OF TEN

COL 1: COL 2: COL 3: COL 4:

120	250	160	100
80	150	420	90
180	50	160	240
100	360	140	630
400	280	50	320
160	540	200	450

PAGE 686-687 - MATCHING MULTIPLICATION

Answers are on page 687. They are repeated here from top to bottom for the product column...

PRODUCT:

3.NF.1 : Pages 688-696

PAGES 688-689

No answers required.

PAGES 690-694 - 1 PART OF ?

Match the fraction picture cards to the fraction numbers. Use those skills on page 694.

PAGE 694:

COLUMN 1: COLUMN 2:

1/3	1/4
1/2	1/4
1/6	Answers Vary

PAGE 695 - PIZZA FRACTIONS

COLUMN 1: COLUMN 2: COLUMN 3:

1/4	3/8	2/4
6/8	3/4	7/8
2/8	4/8	5/8

PAGE 696 - RECTANGLE FRACTIONS

COLUMN 1: COLUMN 2: COLUMN 3:

1/4	1/6	2/4
3/6	3/4	4/6
5/6	2/3	1/3

3.NF.2 : Pages 697-711

PAGES 697-698

No answers required.

PAGES 699-707 - NUMBER LINE FRACTIONS

Find the correct fraction for each number line. Place that fraction on the colored spot on the number line.

PAGE 708 - NUMBER LINE FRACTIONS

COLUMN 1: COLUMN 2:

2/3	1/4
1/2	2/5
3/4	1/6
1/3	2/4
2/6	1/5

PAGE 709 - NUMBER LINE FRACTIONS

COLUMN 1: COLUMN 2:

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

PAGE 710 - NUMBER LINE FRACTIONS

COLUMN 1: COLUMN 2:

Make sure the dots are placed in the right places on the number lines.

PAGE 711 - NUMBER LINE FRACTIONS

Answers vary according to fractions chosen.

3.NF.3 : Pages 712-720

PAGES 712-713

No answers required.

PAGES 714-717 - THEY'RE EQUAL

Match the equivalent fraction pieces to the equations cards. Practice those skills on page 717.

Answers for page 717 in a sort of clockwise fashion:

$$6/8 = 3/4$$

$$1/2 = 2/4$$

$$2/3 = 4/6$$

DO YOUR OWN

$$1/4 = 2/8$$

$$1/3 = 2/6$$

In the center, color all the pieces. $8/8 = 3/3$

PAGE 718 - EQUIVALENT FRACTIONS

The answers here are the colored parts for the 2nd fraction pie of each pair.

FIRST PAIR: SECOND PAIR:

2/4	1/4
1/3	3/6
3/6	2/3
3/4	3/6

PAGE 719 - MATCHING EQUIVALENTS

From top to bottom...

$$2/6 = 1/3$$

$$4/8 = 1/2$$

$$5/15 = 1/3$$

$$7/14 = 1/2$$

$$3/12 = 1/4$$

$$8/10 = 4/5$$

$$5/20 = 1/4$$

$$2/16 = 1/8$$

$$7/21 = 1/3$$

$$6/10 = 3/5$$

$$12/18 = 2/3$$

$$12/20 = 3/5$$

$$10/30 = 1/3$$

$$4/10 = 2/5$$

$$8/12 = 2/3$$

$$9/27 = 1/3$$

PAGE 720 - ONE OF THESE DOES NOT BELONG

Showing the incorrect answer for each set...

$$5/9$$

$$1/6$$

$$3/11$$

$$4/25$$

$$3/12$$

$$12/20$$

$$3/8$$

$$8/18$$

$$4/9$$

$$1/3$$

$$6/11$$

$$4/9$$

$$12/16$$

$$3/4$$

$$20/22$$

3.MD.1 : Pages 721-735

PAGES 721-722

No answers required.

PAGES 723-729 - TIME IN THE KITCHEN

Match the word problem cards to the correct time number line and the correct time card. PRACTICE those skills on page 729.

1. 6:15
2. 9:00
3. 5:30
4. 7:15

PAGES 730-733 - TIME IN THE KITCHEN

Circle the correct answers for each clock. Practice those skills on page 733.

START:	ELAPSED:	END:
1. 12:00	1 hr 15 mins	1:15
2. 2:15	1 hr 30 mins	3:45
LEFT:	RIGHT:	
3. 10:25	12:37	
4. 7:10	11:45	
5. 2:52	4:20	

PAGE 734 - WHAT TIME IS IT?

Answers are in pairs from left to right. Make sure to draw the hands on the second clock of each pair.

FIRST PAIR:	SECOND PAIR:
12:10 + 15 = 12:25	3:41 + 10 = 3:51
10:42 + 20 = 11:02	3:36 + 25 = 4:01
7:15 + 43 = 7:58	6:08 + 51 = 6:59
1:03 + 16 = 1:19	6:24 + 32 = 6:56

PAGE 735 - ELAPSED TIME STORIES

Be sure to draw in the hands at the correct start and finish times on the clocks.

1. 1 hr 25 mins
2. 7:35
3. 8:13
4. 3 hours 47 mins
5. 3 hours 3 mins

3.MD.2 : Pages 736-752

PAGES 736-737

No answers required.

PAGES 738-749 - WATER WE MEASURING?

Match the slices to the whole watermelons based on their definitions. After reviewing, play the board game. Correct answers are on the answer key on page 749.

PAGE 750 - MEASURING IN VOLUME AND MASSES

1. kilogram
 2. liter
 3. gram
 4. liter
 5. kilogram
 6. gram
 7. A - liters
 8. less
 9. 30 kg
 10. 7g
- scale measures kilograms balance scale measures grams

PAGE 751 - DENSITY AND VOLUME IN METRIC

COLUMN 1:	COLUMN 2:	COLUMN 3:
milliliters	grams	liters
kilograms	liters	milliliters
grams	liters	kilograms
grams	milliliters	kilograms

PAGE 752 - MEASURING VOLUME AND DENSITY

1. 170 grams
2. 450 milliliters
3. 20 - (4 + 5 + 6) = 5 kilograms
4. 1815 ÷ 3 = 605 grams
5. (18 - 1) x 2 = 34 liters

3.MD.3 : Pages 753-767

PAGES 753-754

No answers required.

PAGES 755-757 - GRAPHING GENRES

There is a blank graph sheet in color and in black and white. Use whichever one you want. Then compare answers to the answer key on page 757. Answers are also repeated here:

- TITLE: Book Removal
VERTICAL AXIS: Number of Books
SCALE: 0-30 by 5s
HORIZONTAL AXIS: Book Genre
1. 15
 2. 70
 3. 5
 4. Fantasy

PAGES 758-760 - GRAPHING GIVEAWAY

There is a blank graph sheet in color and in black and white. Use whichever one you want. Then compare answers to the answer key on page 759. Answers are also repeated here:

- TITLE: Radio Giveaway
VERTICAL AXIS: Number of Prizes
SCALE: 0-10 by 2s
HORIZONTAL AXIS: Days of the Week (Mon-Fri)
1. 8
 2. 26
 3. 2
 4. Friday
 5. Yes, by bar graph, pictograph, chart, etc...

PAGE 761 - LABELING GRAPHS

Fill in boxes to make a bar graph. Add the correct labels.

- TITLE: 3rd Grade Shoe Size
VERTICAL AXIS: Number of Students
SCALE: 0-10 by 2s
HORIZONTAL AXIS: Measurement in Shoe Sizes

PAGES 762-765 - LET'S GET GRAPHING

Match the vocabulary word to its definition. Refer to the original pages for answers. They are matched up correctly on the pages.

PAGE 766 - MAKE A PICTOGRAPH

Use some sort of picture icon to represent votes. Most likely, you will use one picture to represent 5 votes. Cotton candy on a stick makes good sense for the icon picture.

- Sample Answers:
fruity-tooty - 7 pictures (7x5=35)
strawberry - 8 pictures
licorice - 5
bubblegum - 2
root beer - 8
1. 40 + 40 = 80
 2. 35 - 25 = 10 more
 3. 40 + 40 + 35 + 25 + 10 = 150 students
 4. 40 - 10 = 30 more

PAGE 767 - MAKE A PICTOGRAPH

Use some sort of picture icon to represent votes. Most likely, you will use one picture to represent 1 book of stamps. A square, a stamp, or a book makes sense as the icon.

- Sample Answers:
luke - 4 pictures
Harold - 5 pictures
Carl - 5 1/2 pictures
Myron - 3 pictures
Gabe - 3 pictures
1. 4 x 12 = 48
 2. (5 1/2 x 12) - (3 x 12) = 66 - 36 = 30 more
 3. 66 + 60 + 48 + 36 + 36 = 246 stamps

3.MD.4 : Pages 768-780

PAGES 768-769

*No answers required.***PAGES 770-776 - PLOTTING MEASUREMENTS**

Practice measuring the length of the pictures provided to the nearest full inch, 1/2 inch, and 1/4 inch. For ease of reading, the measurements are given in decimal, rather than fraction form.

ITEM:	INCH:	1/2 IN:	1/4 IN:
Bowl	5	5.5	5.5
Heart Cookie	3	2.5	2.5
Apple	3	3	2.75
Spoon	5	4.5	4.75
Baby Powder	5	5.5	5.5
Cabbage	6	6	6.25
Pizza	6 or 7	6.5	6.5
Carrot	6	6	6.25
Cola (with straw)	6	5.5	5.5
Pencil	6	5.5	5.5
Calculator	4	4	3.75
Scissors	3	3	2.75
Crayon	3	2.5	2.75
Bell	5	5.5	5.5

PAGE 775 - PLOTTING MEASUREMENTS*Answers vary, except for #4. That answer is B.***PAGE 776 - HALF AND QUARTER MEASUREMENTS***Use the answers from the list above.***PAGE 777-778 - GRAPHING MEASUREMENTS**

1. 7 inches
2. 4.5 inches
3. 6 inches
4. 6.25 inches
5. 4 inches
6. 7.5 inches

Use these answers on the next page to graph lengths with a line plot on page 778. Sample answers:

TITLE: Object Lengths, Lengths

VERTICAL AXIS: Length in Inches, Inches

SCALE: 0-8 or 0-10, counting by 1s with space for fractions

HORIZONTAL AXIS: Objects (name each)

PLOT STYLE: Line plot

PAGES 779-780 - PLOTTING PLANT GROWTH

Answers vary upon seed growth rates. Graph the data on page 780. Be sure to label each axis and title the graph properly.

3.MD.5 : Pages 781-798

PAGES 781-782

*No answers required.***PAGES 783-786 - GEOMETRIC MEASUREMENT**

Match the definition cards to the words and the examples. Practice these skills on page 786.

TERM:	DEFINITION:	EXAMPLE:
a unit square	square whose sides...	1x1 square
area	number of square units...	5x5 grid
perimeter	distance around...	1x2 rectangle
plane figure	a two-dimensional...	shapes

PAGE 787 - UNIT SQUARES

1. 9 units²
2. 12 units²
3. 8 units²
4. 25 units²
5. 12 units²
6. 8 units²
7. 4 units²
8. 25 units²

PAGE 788-795 - GEOMETRIC MEASUREMENT

Estimate the areas of each shape, using pages 794 and 795 to estimate answers. Find the actual area by overlaying it on the grid pages. Some squares may need to be cut out to fit the whole shape. The grid squares are approximately a square inch.

SHAPE:	ESTIMATES:	ACTUAL:
rectangle	20-50?	4 x 10 = 40 units
square	20-50?	6 x 6 = 36 units
free form	30-80?	5 x 10 = 50*

*There are gaps and holes, so it may be closer to 45.

PAGE 796 - UNIT SQUARES

1. 6 units²
2. 16 units²
3. 16 units²
4. 20 units²
5. 15 units²
6. 12 units²
7. 12 units²
8. 20 units²

PAGE 797 - FINDING THE AREA IN TOTAL UNITS

Clockwise from top left...

Top left = 12 units

Top right = 20 units

Bottom right = 30 units

Bottom left = 10 units

Middle left = 15 units

PAGE 798 - FIND THE AREA IN SQUARE UNITS

Answers from right to left...

COLUMN 1:	COLUMN 2:	COLUMN 3:
18 units	13 units	15 units
14 units	16 units	16 units

3.MD.6 : Pages 799-808

PAGES 799-800

No answers required.

PAGES 801-804 - GEOMETRIC MEASUREMENT

Match the shapes to their areas. Practice those skills on page 804. Answers are as follows...

1. 49 units²
2. 28 units²
3. 36 units²
4. 18 units²
5. 45 units²
6. 72 units²

PAGES 805-806

Find the areas of the colored sections. Write the answers on page 806. Pay special attention to the units in the answers. Make sure they are also given in units².

- A. 35 cm²
- B. 24 ft²
- C. 28 m²
- D. 15 ft²
- E. 12 cm²
- F. 34 in²
- G. 6 in²
- H. 40 units²
- J. 6 in²
- K. 30 m²
- L. 7 ft²
- M. 18 units²

PAGES 807- - DESIGN YOUR OWN THEME PARK

Answers will vary. Give each attraction a different color. Color in different blocks on the grid to show where you would place each ride. Figure out the areas of each ride.

PAGE 808 - FINDING THE AREA IN SQUARE CENTIMETERS

Answers from left to right...

COLUMN 1: COLUMN 2:

- | | |
|-----------|-----------|
| 12 sq. cm | 36 sq. cm |
| 24 sq. cm | 12 sq. cm |
| 24 sq. cm | 36 sq. cm |

PAGE 808 - FINDING THE AREA IN SQUARE CENTIMETERS

Answers from left to right...

COLUMN 1: COLUMN 2: COLUMN 3:

- | | | |
|-----------|-----------|--------------|
| 20 sq. in | 32 sq. cm | 15 sq. in |
| 16 sq. in | 6 sq. ft | 12 sq. miles |

3.MD.7 : Pages 809-821

PAGES 809-810

No answers required.

PAGES 811-819 - MEASURE THE GARDENS

Match the garden area cards to the equations cards that have the proper addition and multiplication problems on them to solve for area.

- Blackberries = 12 sq. units
- Broccoli = 10 sq. units
- Carrots = 6 sq. units
- Corn = 9 sq. units
- Cucumbers = 18 sq. units
- Peppers = 24 sq. units
- Mushrooms = 15 sq. units
- Onions = 14 sq. units
- Radishes = 20 sq. units
- Potatoes = 21 sq. units
- Watermelons = 25 sq. units
- Eggplants = 4 sq. units

PAGE 820 - FINDING AREA BY MULTIPLYING

Answers from left to right...

COLUMN 1: COLUMN 2:

- | | |
|--------------|--------------|
| 12 sq. units | 36 sq. units |
| 24 sq. units | 12 sq. units |
| 16 sq. units | 27 sq. units |

PAGE 821 - FINDING AREA BY MULTIPLYING

Answers from right to left...

- TOP ROW: 20 sq. cm 9 sq. cm 12 sq. cm
- MIDDLE: 14 sq. cm
- BOTTOM: 20 sq. cm + 9 sq. cm = 29 sq. cm

3.MD.8 : Pages 822-828

PAGES 822-823

No answers required.

PAGES 824-826 - FIND THE PERIMETER

Looking at the given perimeters next to each shape, determine the length(s) of the missing side(s).

SHAPES: ? TOTAL:

- | | | |
|--------------------|---|----|
| Square | 5 | 20 |
| Right Triangle | 5 | 17 |
| Pentagon | 3 | 15 |
| Heptagon | 2 | 14 |
| Rectangle | 9 | 22 |
| Isosceles Triangle | 5 | 13 |

PAGE 827 - FINDING PERIMETER

Clockwise from top left...

- Top left = 14 ft
- Top right = 22 ft
- Bottom right = 26 ft
- Bottom left = 18 ft
- Middle left = 18 ft

PAGE 828 - PERIMETER PROBLEMS

1. $14 + 14 + 10 + 10 = 48$ feet
2. $52 - (10 + 13 + 19) = 10$ feet
3. $36 \div 6 = 6$ meters
4. $2.5 + 2.5 + 1.5 + 1.5 = 8$ feet
5. $115 - (20 + 20 + 36 + 24) = 15$ inches

3.G.1 : Pages 829-839

PAGES 829-830

No answers required.

PAGES 831-835 - SORT IT!

Sort the shapes by different characteristics. Use page 835 as a workspace to sort shapes by rules.

PAGE 836 - ALL QUADRILATERALS MUST HAVE...

Sample answers:

1. 4 sides
2. 4 angles
3. closed corners, must be closed figures

PAGE 837 - FINDING QUADRILATERALS

5 shapes should be colored red, a square, a rhombus/diamond, 2 rectangles, and a kite.

PAGE 838 - DRAWING QUADRILATERALS

Practice drawing quadrilaterals...

Samples:

Square = all sides the same, 4 right angles, 2 parallel pairs
 Rectangle = 2 pairs of same sides, 4 right angles, 2 parallel pairs
 Rhombus = all sides the same, 2 parallel pairs
 Kite = no parallels, 2 pairs of adjacent same length sides.
 Parallelogram = 2 pairs of parallel sides, 2 pairs of same sides
 Trapezoid = 1 pair of parallels, maybe 1 pair of same length or maybe 1 right angle
 Dart = a concave (dented in) quadrilateral that looks like an arrowhead.

PAGE 839 - DRAWING NON-QUADRILATERALS

Practice drawing non-quadrilaterals...

Examples:

*right triangles, equilateral triangles, scalene triangles, isosceles triangles, acute triangles, obtuse triangles...
 *pentagons, hexagons, heptagons, octagons, nonagons, decagons...
 *circles, ellipses, ovals...
 *any open shape

END OF THIRD GRADE WORKBOOK

3.G.2 : Pages 840-847

PAGES 840-841

No answers required.

PAGES 842-844 - MAKE IT EQUAL

Practice coloring in parts of the whole to match the fraction cards. Practice those same skills on page 844. On that page, the wholes are not cut into pieces yet.

PAGE 845 - FRACTIONS OF A WHOLE

Answers from left to right by row...

TOP ROW:	6/12	4/12	7/12	
MIDDLE ROW:	3/9	6/9	1/9	
BOTTOM ROW:	6/10	5/10	2/8	3/8

PAGE 846 - FRACTIONS OF A WHOLE

Practice making your own fractions. Cut the whole into pieces as indicated by the denominator. Then color a portion. Write the numerators to correspond with the colored pieces.