

Introduction

The *Summer Connect* series helps young learners transition from one grade to the next. Each title provides a review of the topics and skills from the previous academic year and progresses to new material that will be covered in the upcoming year. *Summer Connect: Getting Ready for Fifth Grade* is specifically geared to students who have completed fourth grade and are on their way to fifth grade.

The Activities

The activities in this book review and explore topics in the following core subject areas:

- **Math** (operations, fractions, decimals, geometry, and data analysis)
- **Language Arts** (reading, writing, grammar, usage, and mechanics)
- **Science** (life science, physical science, and Earth and space science)
- **Social Studies** (history, geography, civics, and economics)

For a more comprehensive list of the skills covered in this book, see page 3.

The Benefits of *Summer Connect*

Summer offers young people a much-needed break from the rigors of school. This book aims to honor that need with activities that provide short, purposeful bursts of learning and assessment. The following features are included to achieve that goal:

- Pages are often divided into two, three, or four short activities.
- A wide assortment of academic skills and standards are covered.
- Clear instructions remove the guesswork for students and parents.
- “Would You Rather?” prompts encourage imagination and connection.
- Eye-catching colors and graphics grab readers’ attention and interest.
- The compact size fits smaller hands and summer-sized attention spans.

A complete answer key is available online at
<http://www.teachercreated.com/9206>

Contents

Math Skills

- operations (adding, subtracting, multiplying, dividing)
- fractions (adding, subtracting, multiplying, dividing, reducing, comparing, converting to mixed numbers)
- decimals (adding, subtracting, multiplying, dividing, comparing)
- numbers (rounding, recognizing equivalence, greater than/less than)
- solving word problems (time, money, whole numbers, fractions, decimals, estimates)
- graphing (reading tables, charts, graphs; plotting coordinates)
- geometry (properties of lines and shapes, area, volume, perimeter, lines of symmetry)

Language Arts Skills

- reading (comprehension of various text types, summarizing, main idea, locating and identifying information)
- writing (informational, persuasive, narrative, experiential)
- language (vocabulary, meaning, context, metaphors, imagery)
- grammar, usage, and mechanics (proofreading, editing, punctuation, parts of speech, tense, roots and affixes)

Science Skills

- life science (animals, plants, environments, body systems, health, traits, inventions)
- physical science (matter, forces and motion, energy)
- Earth and space science (planets, comets, rocks, water cycle, weather)

Social Studies Skills

- history (people, places, landmarks, and events; timelines)
- geography (land masses, bodies of water, features, directions)
- civics and economics (government, economic principles)

Follow directions to round numbers up or down. Some answers are given.

Round to the nearest tens.

647 650

384

429

Round to the nearest hundreds.

647 600

889

350

Round to the nearest thousands.

1,647

4,444

Use the compass rose to describe where things are on the map. Fill in each blank with one of the four cardinal directions: north, south, east, or west.



Lake Elementary is _____ of the post office.

The grocery store is _____ of the coffee shop.

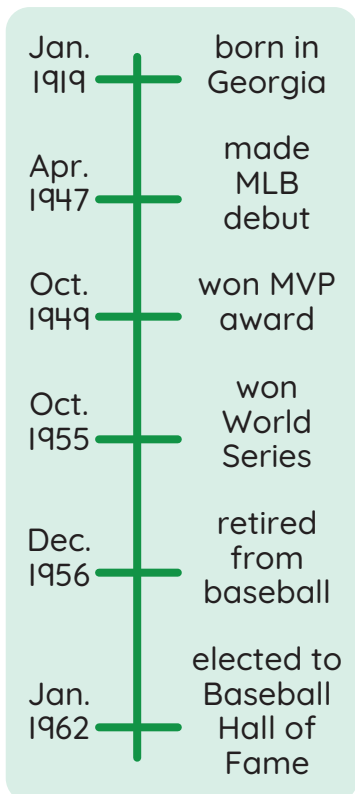
The diner is _____ of Pearl Pond.

The middle school is at the _____ and _____ corner of the map.

Read this paragraph. The facts are true, but the punctuation, grammar, and spelling need some help. Find and circle all 8 errors.

Did you know the number 42 is the only number retired on every Major League Baseball team In 1997, the number was retiring in honor of Jackie robinson. On April 15 of every year every Major League player wares #42 in honor of Robinson April 15 is the day in 1947 that Robinson become the first African American to play in the Major Leagues.

Use this timeline about Jackie Robinson to answer the questions.



How old was Jackie Robinson when he played his first game in the Major Leagues?

18 **22** **28**

How old was Robinson when he won a World Series?

30 **36** **37**

Robinson played from 1947-1956. How many seasons is that? (Hint: Each year is one season.)

9 **10** **11**

How long after he retired was Robinson elected to the Baseball Hall of Fame?

just over 5 years **just under 6 years** **about 15 years**

Virtuoso is a superhero who is great at just about everything. But he has one weakness: he is not a very good speller. He tries and tries, but he just can't quite get the words right.



Help Virtuoso spell some key words. For each word, he has given it two tries. Look at the mistakes he's made. Spell each word correctly on the line to the right.

"My Strengths" by Virtuoso

I am as fast as ~~lightening~~
~~litening~~. → _____

I can leap over tall ~~bildings~~
~~billdings~~. → _____

I can make myself ~~invisible~~
~~invisable~~. → _____

I am friends with all ~~creachurs~~
~~creechers~~, → _____

~~exsept~~
~~ecksept~~ those who are bad guys. → _____

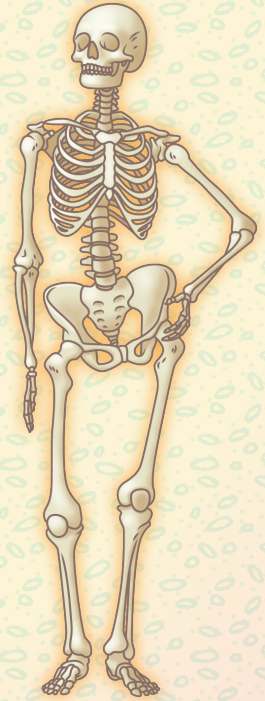
Look at the first number pattern. The rule for that pattern is given.

Find and write the rule for the second number pattern.

| Pattern | Rule |
|-------------------------|---------------------------|
| 6, 13, 27, 55, 111, 223 | multiply by 2, then add 1 |
| 2, 5, 14, 41, 122, 365 | |

Decode each scramble to answer questions about bones in the human body.

| Description | Scramble | Name of Bone |
|--|-----------|--------------|
| the larger and stronger of the two bones of the lower leg | abiiit | |
| extends along the collar from the shoulder to the neck | acceillv | |
| group of small back bones through which the spinal cord passes | abeeerrtv | |
| large bone that forms the upper arm | ehmrsuu | |



Multiply fractions and whole numbers. Write answers as mixed numbers.

$$12 \times \frac{1}{5}$$

$$\frac{2}{3} \times 24$$

$$32 \times \frac{3}{5}$$

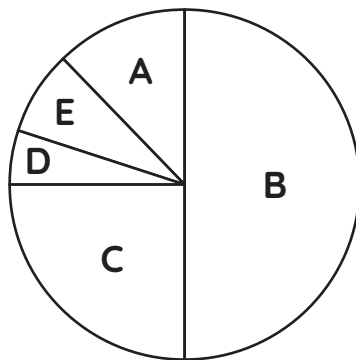
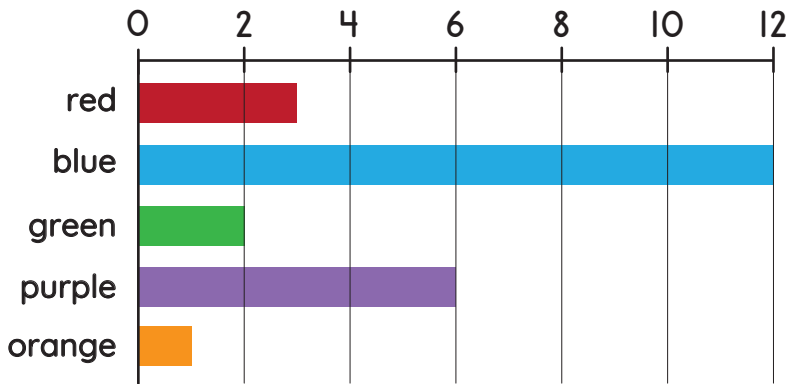
$$\frac{2}{7} \times 56$$

$$121 \times \frac{3}{4}$$

$$\frac{6}{7} \times 41$$

Carefully read the bar graph. Use the data from the bar graph to label the pie chart below.

Favorite Colors (Mrs. Hue's Class)
Number of Students



A = _____
 B = _____
 C = _____
 D = _____
 E = _____

Read the sign. Find and circle three spelling or usage errors. Correctly rewrite each error word as it should appear on the sign.

