



#1 Teacher Recommended!

Summer Bridge

ACTIVITIES[®]

BRIDGING GRADES
3^{to}4

Carson Dellosa Education
Greensboro, North Carolina

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Flash Cards

Certificate of Completion

Plenty of Bonus Features

...match your child's needs and interests!

Bonus Activities

Social studies activities explore places, maps, and more—a perfect complement to summer travel. Science experiments invite your child to interact with the world and build critical thinking skills.

Take It Outside!

A collection of fun ideas for outdoor observation, exploration, learning, and play is provided for each summer month.

Skill-Building Flash Cards

Cut out the cards at the back of the book. Store in a zip-top bag or punch a hole in each one and thread on a ring. Take the cards along with you for practice on the go.



Give a High-Five

...to your child for a job well done!

Star Stickers

Use the star stickers at the back of the book. Place a sticker in the space provided at the end of each day's learning activities when the pages are complete.

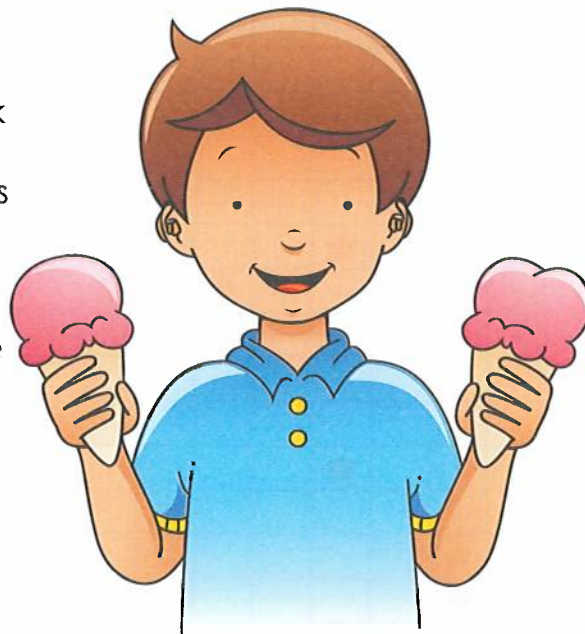


Praise and Rewards

After completing learning activities for a whole week or month, offer a reward. It could be a special treat, an outing, or time spent together. Praise the progress your child has made.

Certificate of Congratulations

At the end of the summer, complete and present the certificate at the back of the book. Congratulate your child for being well prepared for the next school year.



Skills Matrix

Day	Addition & Subtraction	Character Development	Fitness	Fractions	Geometry	Graphing & Probability	Language Arts & Writing	Measurement	Multiplication & Division	Numbers	Parts of Speech	Place Value	Prefixes & Suffixes	Problem Solving	Punctuation & Capitalization	Reading Comprehension	Science	Sentence Structure	Social Studies	Spelling	Vocabulary	Word Study
12					★							★			★	★						
13					★					★						★					★	
14				★		★	★				★											
15							★							★								
16		★					★								★	★						
17				★				★						★		★						
18				★							★										★	
19	★			★					★												★	★
20				★												★				★		
								★		BONUS PAGES!							★		★		★	
1	★								★							★				★		
2			★					★								★						
3							★									★						
4							★	★	★	★						★						
5			★	★							★					★						
6				★												★					★	
7				★			★	★								★						
8					★											★						★
9					★		★				★			★								
10				★			★									★						
11	★	★					★															
12							★		★							★						
13				★			★														★	★
14				★											★	★						
15									★							★		★				
16	★						★					★				★						
17	★			★												★		★				
18							★								★	★						
19					★		★									★						
20	★											★				★						
							★	★		BONUS PAGES!							★		★			



If you like space...

Spaced Out

by Stuart Gibbs (F)

***Counting on Katherine: How Katherine Johnson
Saved Apollo 13***

by Helaine Becker (NF)

If you like poetry...

Where the Sidewalk Ends

by Shel Silverstein (F)

Horton Hatches the Egg

by Dr. Seuss (F)

If you like mysteries...

Framed!

by James Ponti (F)

History's Mysteries:

***Curious Clues, Cold
Cases, and Puzzles from
the Past***

by Kitson Jazynka (NF)



**If you like comic books and
graphic novels...**

Giants Beware!

by Jorge Aguirre (F)

Smile

by Raina Telgemeier (NF)

If you like sports...

The Boy Who Saved Baseball

by John Ritter (F)

Who Are Venus and Serena Williams?

by James Buckley Jr. (NF)



If you like stories about the environment...

***Ada's Violin: The Story of the Recycled Orchestra
of Paraguay***

by Susan Hood and Sally Wern Comport (NF)

A River Ran Wild

by Lynne Cherry (NF)

Monthly Goals

A goal is something that you want to accomplish. Sometimes, reaching a goal can be hard work!

Think of three goals to set for yourself this month. For example, you may want to read for 20 minutes each day. Write your goals on the lines and review them with an adult.

Place a sticker next to each of your goals that you complete. Feel proud that you have met your goals!

1. _____ PLACE
STICKER
HERE
2. _____ PLACE
STICKER
HERE
3. _____ PLACE
STICKER
HERE

Word List

The following words are used in this section. They are good words for you to know. Read each word. Use a dictionary to look up each word that you do not know. Then, write two sentences. Use a word from the word list in each sentence.

briefly
bronze
concentrate
design
displayed

exhibition
glacier
league
relief
representing

1. _____

2. _____

Solve each word problem.

- | | |
|--|---|
| 1. Don is picking apples. He puts 36 apples in each box. How many apples does he put in 9 boxes? | 2. Miss Brown has 25 students in her class. She wants to make 5 equal teams for a relay race. How many students will be on each team? |
| 3. Zack has saved \$9.00 toward buying a new ball. He will get \$3.00 today from his father. How much more money will he need to buy the \$19.95 ball? | 4. Jenna saves 867 pennies in May, 942 in June, and 716 in July. How much does she save in these three months? |

Read each group of related words. Write two more related words for each group.

EXAMPLE:

robin, owl, pigeon

quail

pheasant

5. peaches, apples, pears

6. spoon, bowl, cup

7. lake, pond, river

8. branches, sticks, wood

9. lemonade, water, milk

10. dollar, dime, penny

11. carrot, celery, cucumber

12. dress, shoes, skirt

13. tennis, golf, racquetball

Write the base word of each word.

- | | |
|--------------------|----------------------|
| 1. playful _____ | 2. disinterest _____ |
| 3. rewrite _____ | 4. uncover _____ |
| 5. spoonful _____ | 6. quickly _____ |
| 7. happiness _____ | 8. doubtful _____ |
| 9. kindness _____ | 10. recover _____ |

Follow the directions.

- Draw a square around the greatest number.
- Count by twos to 40. Underline the numbers you use.
- Draw a triangle around the number that is 4 less than 62.
- Draw an X over each odd number.
- Circle all of the uppercase letters. Write the letters you circled in order, starting with the top row and moving left to right.

b	r	q	e	o	S	c	r	y	10	6	3
U	y	10	5	2	4	M	z	1	q	a	i
6	v	0	7	8	M	p	2	10	17	12	l
r	b	14	18	b	e	16	f	h	19	E	s
18	5	14	7	2	p	m	n	z	58	20	s
94	86	22	2	R	17	I	0	24	n	x	c
26	39	3	a	d	e	28	g	S	52	19	30
7	j	F	k	32	y	34	4	31	t	10	36
0	n	e	n	38	o	80	98	U	47	x	p
w	m	m	11	N	3	14	39	c	r	e	t
q	u	v	9	7	6	w	5	40	w	13	19

CHARACTER CHECK: Look up the word *considerate* in a dictionary. Then, think of two ways that you can be considerate.

Add to find each sum.

1.
$$\begin{array}{r} 634 \\ + 68 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 87 \\ + 89 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 493 \\ + 77 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 888 \\ + 45 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 732 \\ + 99 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 47 \\ + 76 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 496 \\ + 94 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 557 \\ + 23 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 347 \\ + 54 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 665 \\ + 37 \\ \hline \end{array}$$

Rewrite each set of underlined words to make it a possessive.

11. Have you seen the mitten belonging to Margot? _____
12. The towels belonging to the boys are in the dryer. _____
13. We put the bike belonging to Salim in the garage. _____
14. The chirping of the birds woke me up. _____
15. The hat belonging to Charles is navy and red. _____
16. "The leaves of the maple tree have begun to fall!" said Jax. _____
17. The books belonging to Kylie are on the counter. _____
18. Lauren lost the goggles belonging to Mariko in the pool. _____

FACTOID: There are more than 10,000 known species of ants on Earth.

Solve each word problem.

- | | |
|--|--|
| 1. I read 6 books each month in June, July, and August. How many books did I read during these three months? | 2. Carla went on a trip. She took 120 photos during her 3-day trip. How many photos did she take each day? |
| 3. Josie observed birds in her backyard for one week. She saw 6 birds each day. How many birds did she see in all? | 4. Nico had a sleepover and invited 7 friends. His stepmom made 32 mini muffins for breakfast. How many muffins could each boy have? |

Underline the word that correctly completes each sentence.

5. Luis and Kate (is, are) looking for something to do on a sunny day.
6. They decide to (makes, make) an obstacle course.
7. Kate drags out a few old tires that (her, she) dad said were in the garage.
8. Luis (brings, bring) over three pool noodles.
9. "What else can (us, we) use?" wonders Kate aloud.
10. "I (see, sees) a few big branches that might work," suggests Luis.
11. After a lot of work, Kate and Luis are satisfied with (our, their) obstacle course.
12. "Who should (try, tries) it first?" asks Kate.

Read the passage. Then, answer the questions.

The Olympic Games

During the Olympic Games, people from all over the world gather to compete in different sporting events. The original Olympics were held in Greece around 776 B.C. Athletes came together every four years to run races of different lengths. Those who won were given wreaths of olive branches. The modern Olympics were first held in 1896 in Greece. In 1994, the International Olympic Committee decided that the summer and winter Olympic Games should be held in different years. This means that every two years, thousands of people **representing** more than 200 countries come together to compete in either summer or winter sports. Today's top athletes receive gold, silver, or bronze medals and compete in hundreds of different events. The Olympics give each host country a chance to show its culture both to the people who come there and to the people who watch on TV. The sports may be different than in the original Olympics, but the spirit of goodwill and good sportsmanship is still the same.

1. What is the main idea of this passage?
 - A. The Olympics are held every four years.
 - B. People come to the Olympics from all over the world to compete in different sports.
 - C. Today's top athletes receive gold, silver, or bronze medals.
2. When and where were the original Olympics held? _____
3. What did winners receive at the early Olympics? _____
4. How did the Olympics change in 1994? _____

5. What does the word *representing* mean? _____

6. How do the Olympics help people learn about different cultures? _____

Solve each problem.

- | | | |
|---------------------------|--------------------------|---------------------------|
| 1. $25 \div 5 =$ _____ | 2. $4 \times 16 =$ _____ | 3. $81 \div 9 =$ _____ |
| 4. $28 \div 4 =$ _____ | 5. $36 \div 6 =$ _____ | 6. $9 \times 2 =$ _____ |
| 7. $11 \times 9 =$ _____ | 8. $14 \times 6 =$ _____ | 9. $39 \div 3 =$ _____ |
| 10. $6 \times 11 =$ _____ | 11. $18 \div 3 =$ _____ | 12. $10 \times 3 =$ _____ |
| 13. $14 \div 7 =$ _____ | 14. $5 \times 6 =$ _____ | 15. $7 \times 7 =$ _____ |

The Athletic Advantage

There are a lot of benefits to stretching. Do you like basketball, dancing, or another physical activity that requires you to move, run, or jump? If so, then you should try to improve your flexibility. Whatever your favorite physical activity is, set a goal for yourself to complete at least one stretch every day that will help make you a better athlete. For example, if you like tennis and want to improve your backhand, practice a trunk-twist stretch at least twice a day. As with all stretching exercises, start slowly. Gradually increase your stretching as you become more flexible. This is how professional athletes improve their abilities. So, stretch for better performance!

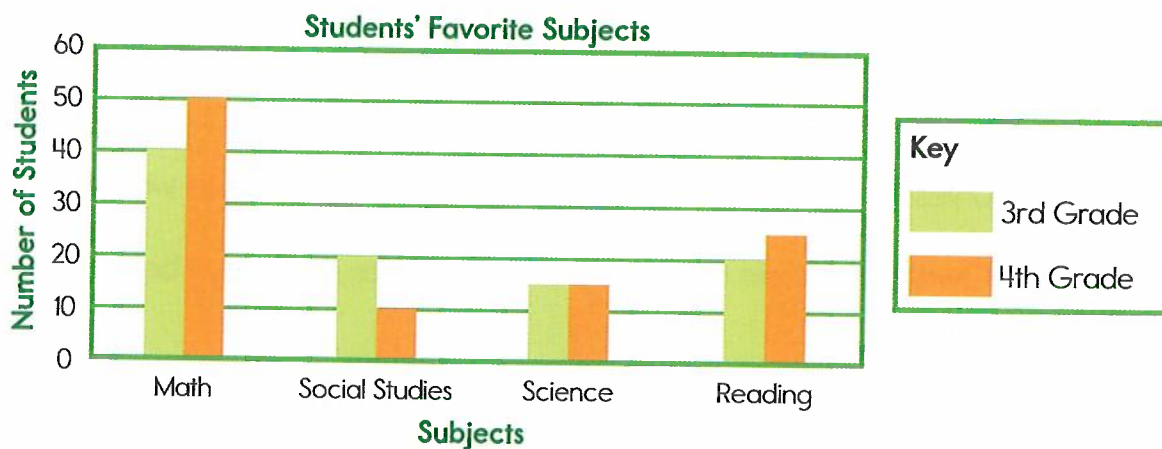


* See page ii.

Abstract nouns are feelings, concepts, and ideas. Some examples are *hope*, *bravery*, and *pride*. Underline the abstract noun in each sentence.

1. Colonel Graham knows that the cadets respect him.
2. We were so grateful for our neighbors' generosity after the fire.
3. "I am almost out of patience," warned Mom.
4. We could see Izzy's satisfaction when she finally finished the puzzle.
5. Ryan's silliness made the whole group laugh.
6. Dionne showed courage when he faced the auditorium and started to speak.

Study the bar graph. Then, answer each question.



7. What is the total number of students who like social studies?

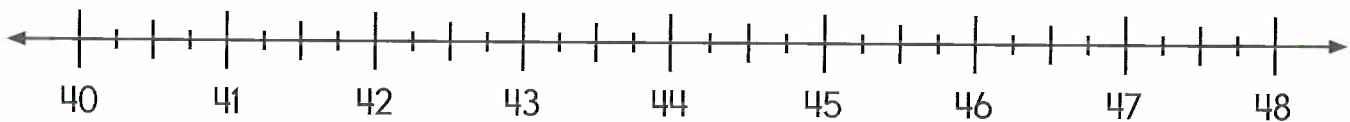
8. How many total students are in 3rd grade? Fourth grade?

9. Which subjects have the greatest difference between 3rd and 4th grade?

10. How many more students like math than reading in 3rd grade? Fourth grade?

Jonah and his mom are building a raised garden bed for the backyard. Jonah measures the boards he finds in the shed that might be useful. Draw an X above the line plot to show the length of each board.

$42 \frac{1}{2}$ inches	$46 \frac{3}{4}$ inches
42 inches	$40 \frac{1}{4}$ inches
$46 \frac{3}{4}$ inches	$42 \frac{1}{2}$ inches
$40 \frac{1}{4}$ inches	$40 \frac{1}{4}$ inches
$42 \frac{1}{2}$ inches	$40 \frac{1}{4}$ inches
$46 \frac{3}{4}$ inches	44 inches

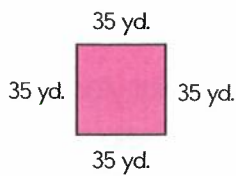


To add commas where they are needed in the dialogue below, use a mark like this:  .

1. "I'd like to ride the Ferris wheel first" said Anya.
2. "I'll meet you over there" said Kahlil "after I get something to drink."
3. "The fair seems even more crowded this year than last" commented Riley.
4. "My favorite attraction is the bumper cars" said Jacob "but I also love the giant slides."
5. "I can't go on anything that spins" said Kahlil "because it makes me feel sick."
6. Riley pointed and said "There's the frozen lemonade stand."
7. Anya asked "What time are you meeting your parents?"
8. "The line is too long for the rocket ship ride" decided Oliver.

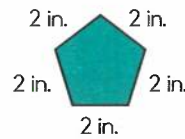
Write the perimeter of each figure or the missing side lengths.

1.



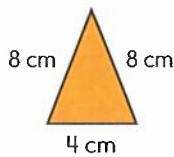
perimeter = _____ yd.

2.



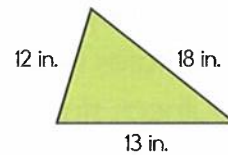
perimeter = _____ in.

3.



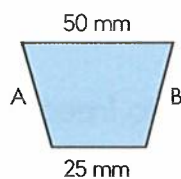
perimeter = _____ cm

4.



perimeter = _____ in.

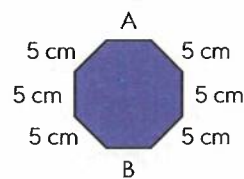
5.



perimeter = 235 mm

Side A = _____ mm Side B = _____ mm

6.



perimeter = 40 cm

Side A = _____ cm Side B = _____ cm

Solve the problems.

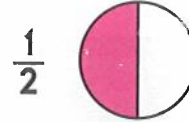
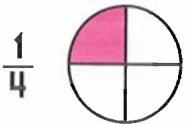
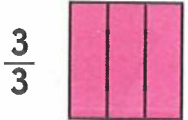
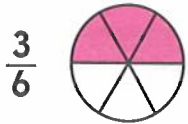
7. Mia's parents said that she can use a space in the yard that measures 13 feet long by 9 feet wide for her wildflower garden. What is the area of the garden?

8. Mr. Wen needs to replace a section of fence that measures 3 feet by 17 feet. What is the area of the fence that needs to be replaced?

9. Alysha wants to frame a drawing she made. It measures 8 inches by 12 inches. What is the area of the frame she needs?

10. Grandma Hattie made a baby quilt for Connor. It measures 4 feet by 3 feet. What is the area of the quilt?

Draw a line between fractions that are equivalent, or equal.



Combine each pair of simple sentences to write compound sentences. Use the conjunction shown in parentheses (). Do not forget to write a comma before the conjunction in each sentence.

EXAMPLE:

We might go to the park. We might go to the store. (or)

We might go to the park, or we might go to the store.

1. My dog is ready to play. My cat wants to nap. (but)

2. It may rain tonight. The party will be indoors. (so)

Write the word from the word bank that matches each description.

knead
wheat

sense
purchase

praise
numb

certain
guide

1. unable to feel _____
2. we do this to dough _____
3. sure of something _____
4. to buy something _____
5. to see, hear, feel, taste, or smell _____
6. flour is made from this _____
7. a leader of a group _____
8. to express approval _____

Compassion Collage

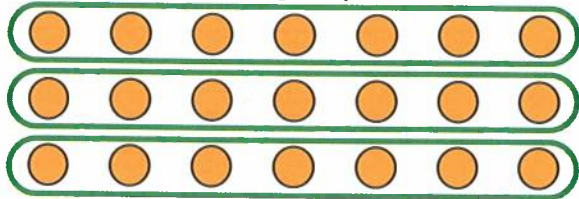
Compassion is seeing that someone needs help or understanding and offering him support. Create a compassion collage. Think about ways that people show compassion. Cut out compassion pictures and words from magazines and newspapers. Use markers, poster board, and glue to create your collage. Draw small pictures, write words, and add stickers to the collage. Give your collage a title, such as *The Cs of Compassion: Care, Concern, Consider*. Display the collage so that others can see how you have captured compassion.



Divide each set of objects into the correct number of groups.

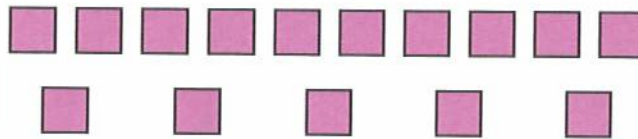
EXAMPLE:

Make 3 equal groups.



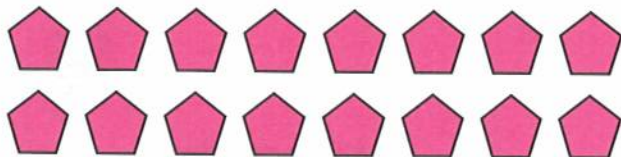
How many are in each group? 7

1. Make 5 equal groups.



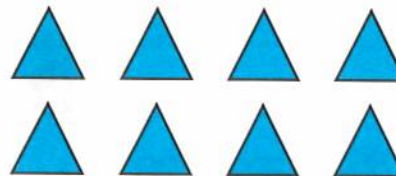
How many are in each group? _____

2. Make 2 equal groups.



How many are in each group? _____

3. Make 4 equal groups.



How many are in each group? _____

Add commas where they belong in each sentence.

EXAMPLE:

August 10, 1970, and May 10, 1973, are birth dates in our family.

4. My mom and stepdad were married in Portland Oregon on May 1 1999.
5. We had chicken potatoes corn gravy and ice cream for dinner.
6. George Washington became the first U.S. president on April 30 1789.
7. Sam was born on June 16 1947 in Rome Italy.
8. We saw deer bears elk and goats on our trip.
9. On July 24 1962 in Boise Idaho I won the big race.

Use the distributive property to make the problems easier to solve.

EXAMPLE: $8 \times 16 =$
 $(8 \times 10) + (8 \times 6) = 128$

1. $9 \times 15 =$
 $(9 \times \underline{\quad}) + (9 \times \underline{\quad}) = \underline{\quad}$

2. $18 \times 6 =$
 $(18 \times \underline{\quad}) + (18 \times \underline{\quad}) = \underline{\quad}$

3. $20 \times 12 =$
 $(20 \times \underline{\quad}) + (20 \times \underline{\quad}) = \underline{\quad}$

4. $14 \times 8 =$
 $(14 \times \underline{\quad}) + (14 \times \underline{\quad}) = \underline{\quad}$

5. $8 \times 22 =$
 $(8 \times \underline{\quad}) + (8 \times \underline{\quad}) = \underline{\quad}$

Write the correct word from the word bank to answer each question.

night

different

hopped

baby

knock

6. Which word begins with a silent letter? _____

7. Which word has the *t* sound at the end, but the letter *t* is not making the sound?

8. Which word has a silent *gh*? _____

9. Which word has the long *e* sound but does not include the letter *e*?

10. Which word has three syllables? _____

Compare the fractions. Use the greater than (>), less than (<), or equal to (=) symbols.

1. $\frac{1}{6}$ ○ $\frac{1}{10}$

2. $\frac{3}{5}$ ○ $\frac{4}{5}$

3. $\frac{3}{10}$ ○ $\frac{3}{4}$

4. $\frac{5}{9}$ ○ $\frac{2}{9}$

5. $\frac{2}{4}$ ○ $\frac{2}{8}$

6. $\frac{2}{6}$ ○ $\frac{4}{6}$

7. $\frac{4}{5}$ ○ $\frac{4}{10}$

8. $\frac{6}{12}$ ○ $\frac{1}{12}$

An *idiom* is a word or phrase that cannot be taken literally. Read each sentence below. Then, write the meaning of the underlined idiom.

9. Before Kayla went onstage last night, her parents gave her a kiss and told her to break a leg.

10. Jorge is feeling under the weather, so he's going to stay home from school.

11. Will and Myles are both going to a new camp this summer, so they are planning to stick together.

12. Grandpa has a wonderful vegetable garden — he has quite a green thumb!

13. Mom said that a new transmission for the car will cost an arm and a leg.

Solve each word problem. Show your work.

- | | |
|---|---|
| 1. Today's high was 86° . Yesterday, it was 9° colder. Two days ago, it was 6° colder than yesterday. What was the high temperature two days ago? | 2. Annabel is 53 inches tall. Nicholas is 4 feet 4 inches tall. How many inches taller is Annabel? |
| 3. Terrell brought 42 muffins to school for his birthday. He gave one each to the 17 students in his class and to the 19 students in the other third-grade class. How many extra muffins did he have? | 4. Natasha can ride her bike at a rate of 10 miles per hour. How many miles can she go if she rides from 10:00 A.M. to 3:00 P.M.? |

Circle the word that does not belong in each group of words. Then, describe why the other words belong together.

- tuba, clarinet, jazz, flute, harp _____
- tire, hammer, screwdriver, wrench _____
- robin, hawk, sparrow, dog, crow _____
- Moon, Mars, Earth, Jupiter, Venus _____
- lettuce, peach, carrot, peas, beets _____
- rose, daisy, lazy, tulip, lily _____

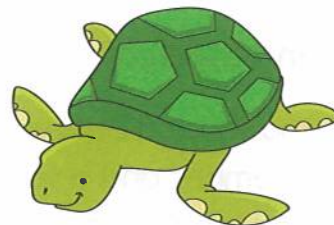
Add a suffix to each word. Use *-est*, *-tion*, or *-ty*. Double, drop, or change some letters if needed. Then, write the meaning of the new word.

EXAMPLE:

- | | |
|-----------------------------------|------------------|
| tasty <u>tastiest, most tasty</u> | 1. sad _____ |
| 2. act _____ | 3. direct _____ |
| 4. safe _____ | 5. dirt _____ |
| 6. hungry _____ | 7. invent _____ |
| 8. prepare _____ | 9. happy _____ |
| 10. heavy _____ | 11. honest _____ |

Circle the pronouns in each sentence.

12. I told her about Janelle's horse.
13. This piece of cake is for him.
14. Liz invited Garrett and me to the party.
15. The table is set for us.
16. We are too late to see the first show.
17. They will be happy to come along.
18. Clams and turtles have shells. They are protected by them.



Read the story. Then, write four details from the story in the order that they occurred.

Quinn and Phillip washed their dad's car. First, they filled a bucket with soapy water. Quinn got some old rags from the house while Phillip got the hose. They put soapy water all over the car and wiped off the dirt. Next, they rinsed the car with water. To finish the job, Quinn and Phillip dried the car with some clean towels. They were both surprised when their dad gave them \$5 each.



1. _____
2. _____
3. _____
4. _____

Each word below contains the suffix *-est*, *-tion*, or *-ty*. Circle each suffix. Then, write the base word.

EXAMPLE:

safely safe

- | | |
|---------------------|----------------------|
| 6. hungriest _____ | 5. saddest _____ |
| 8. invention _____ | 7. preparation _____ |
| 10. certainty _____ | 9. tasty _____ |
| 12. direction _____ | 11. loyalty _____ |
| 14. loveliest _____ | 13. suggestion _____ |
| | 15. surest _____ |

Multiply to find each product.

1.
$$\begin{array}{r} 16 \\ \times 5 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 15 \\ \times 6 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 28 \\ \times 3 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 24 \\ \times 4 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 26 \\ \times 3 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 47 \\ \times 2 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 19 \\ \times 4 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 19 \\ \times 5 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 38 \\ \times 2 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 21 \\ \times 4 \\ \hline \end{array}$$

Write the past-tense form of each underlined verb.

11. A tadpole hatches from an egg in a pond. _____
12. He looks like a small fish at first. _____
13. The tadpole uses his tail to swim. _____
14. He breathes with gills. _____
15. His appearance changes after a few weeks. _____
16. He starts to grow hind legs. _____
17. His head flattens. _____
18. His gills vanish. _____
19. His tail disappears. _____
20. He hops onto dry land. _____

Read the passage. Then, answer the questions.

Elisha Otis

Have you ever ridden in an elevator? Elevators make it much easier for people to get from one floor to another in a tall building. At one time, elevators were not as safe as they are today. Elisha Otis helped change that. Early elevators used ropes that sometimes broke, sending the people riding the elevator to the ground. To make elevators safer, Otis made wooden guide rails to go on each side of an elevator. Cables ran through the rails and were connected to a spring that would pull the elevator up if the cables broke. Otis displayed his invention for the first time at the New York Crystal Palace Exhibition in 1853. His safety elevators were used in buildings as tall as the Eiffel Tower in Paris, France, and the Empire State Building in New York City, New York. Otis died in 1861. His sons, Charles and Norton, continued to sell his design, and many elevators today still have the Otis name on them.

1. What is the main idea of this passage?
 - A. The Otis family still sells elevators today.
 - B. At one time, elevators were unsafe to use.
 - C. Elisha Otis found a way to make elevators safe.
2. Why were early elevators dangerous? _____

3. What did the spring in Otis's elevators do? _____

4. When and where was Otis's elevator displayed for the first time? _____
5. What are two buildings that used Otis's elevator design? _____

6. What did Otis's sons do after his death? _____

Add to find each sum.

1.
$$\begin{array}{r} 78 \\ 81 \\ + 65 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 51 \\ 21 \\ + 83 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 81 \\ 57 \\ + 52 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 76 \\ 59 \\ + 53 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 34 \\ 67 \\ + 24 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 76 \\ 53 \\ + 19 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 49 \\ 74 \\ + 84 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 76 \\ 34 \\ + 51 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 28 \\ 54 \\ + 84 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 48 \\ 78 \\ + 28 \\ \hline \end{array}$$

Read each verb. Write **A** if it is a present-tense action verb. Write **L** if it is a linking verb.

EXAMPLE: **A** bloom **L** is11. has12. hatch13. have14. seem15. pretend16. stir17. becomes18. study19. walk20. hold21. were22. am23. skip24. was

Coffee Filter Chromatography

How can colors be separated?

Chromatography is a process used to separate colors. This activity shows how part of the ink in **water-soluble** markers can be dissolved. Other, more soluble colors will travel up a coffee filter with water.

Materials:

- 3 water-soluble markers (not permanent markers)
- 3 drinking glasses
- ruler
- coffee filter
- masking tape
- water
- scissors

Procedure:

Pour water into each glass so that it is about a half-inch (1.3 cm) deep. Label each glass and marker 1, 2, or 3 using masking tape and the markers. Cut the coffee filter into three strips, one for each marker. Use the water-soluble markers to make one large dot one-third of the way up each coffee filter strip. Do this for all three markers. Place each coffee filter strip in the glass with the same number as the marker. The ink dots should be near, but not under, the water. Let the strips absorb the water.

1. What effect does the water have on the ink dots? _____

2. What happened differently to each of the three different ink dots? _____

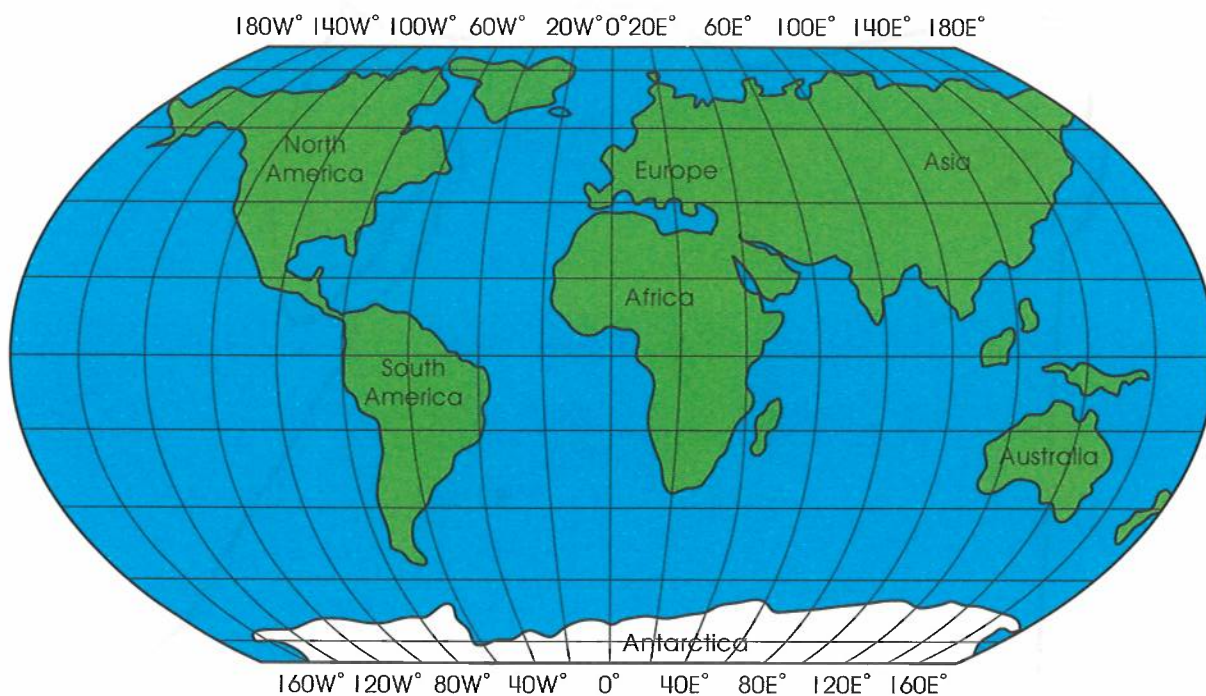
3. Which marker's ink traveled the highest on a coffee filter strip? List the other markers in order from highest to lowest. _____

4. What does *water-soluble* mean? _____
5. Which section would you use to find the steps of the experiment? _____

Prime Lines

Lines of longitude are imaginary lines that run north to south on a map. They are marked in degrees ($^{\circ}$) and help us find locations around the world. The *prime meridian* is the line at 0° longitude. The lines of longitude on a map are measured in 15° segments from the prime meridian. Places east of the prime meridian have the letter *E* after their degrees. Places west of the prime meridian have the letter *W* after their degrees.

Study the map. Then, answer the questions.

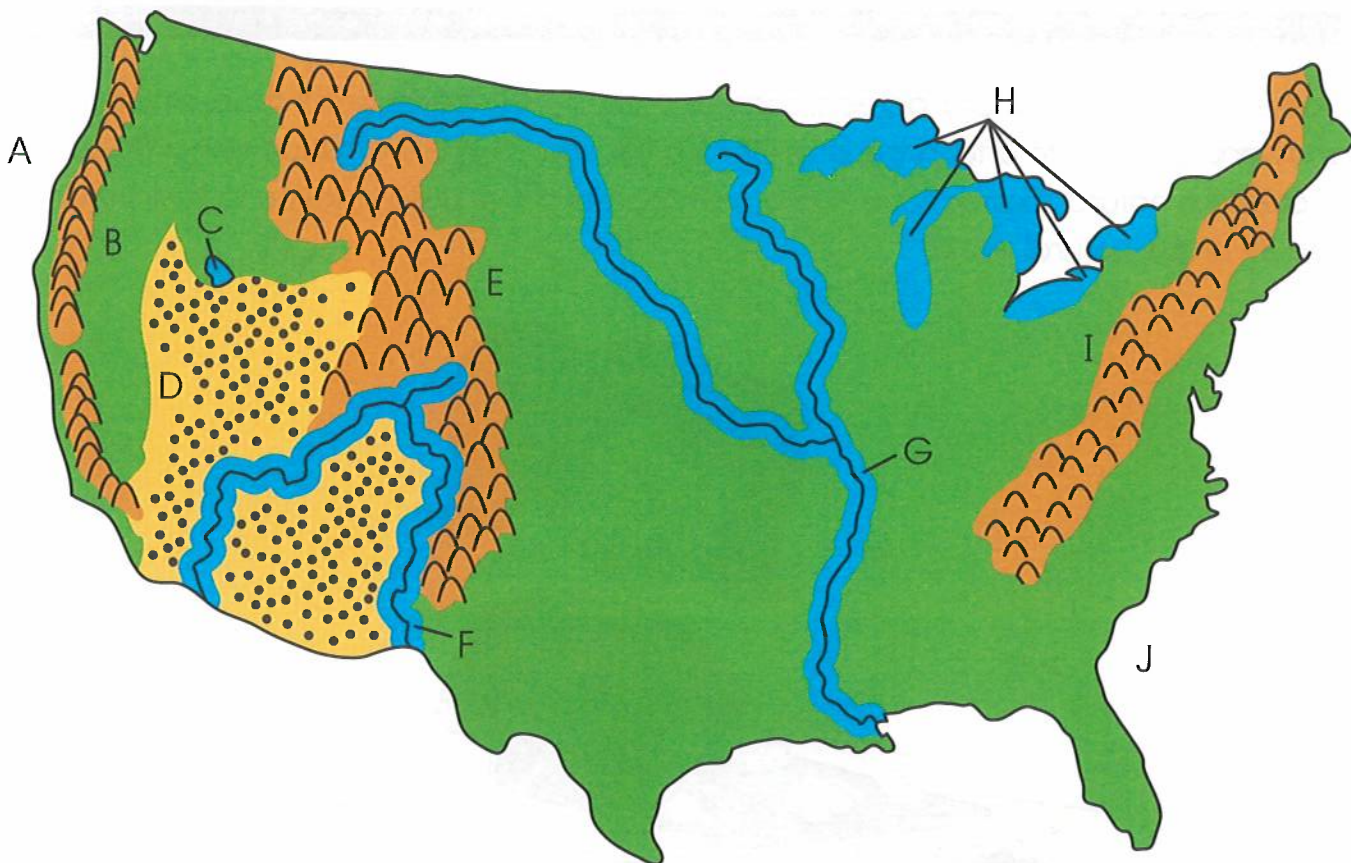


1. The prime meridian is at _____ $^{\circ}$ longitude.
2. For locations in South America, the longitude should be followed by the letter _____.
3. For locations in most of Africa, the longitude should be followed by the letter _____.
4. Use an orange crayon or marker to trace the prime meridian.

Using a Map

Write the letter of the physical feature next to its name. Use an atlas if you need help.

- | | | | |
|----------|-------------------------|-----------|-----------------------|
| 1. _____ | Rocky Mountains | 2. _____ | Great Lakes |
| 3. _____ | Rio Grande | 4. _____ | Atlantic Ocean |
| 5. _____ | Great Salt Lake | 6. _____ | Great Basin |
| 7. _____ | Mississippi River | 8. _____ | Appalachian Mountains |
| 9. _____ | Sierra Nevada Mountains | 10. _____ | Pacific Ocean |



Monthly Goals

Think of three goals to set for yourself this month. For example, you may want to learn five math facts each week. Write your goals on the lines and review them with an adult.

Place a sticker next to each of your goals that you complete. Feel proud that you have met your goals!

1.	_____	PLACE STICKER HERE
2.	_____	PLACE STICKER HERE
3.	_____	PLACE STICKER HERE

Word List

The following words are used in this section. They are good words for you to know. Read each word. Use a dictionary to look up each word that you do not know. Then, write two sentences. Use a word from the word list in each sentence.

astronomy
choosing
degrees
demanding
descriptions

improve
instant
recreation
scattered
vertically

1.	_____

2.	_____

Draw a line to match each related division and multiplication problem.

- | | | | |
|----------------|------------------|-----------------|------------------|
| 1. $65 \div 5$ | A. 9×4 | 9. $72 \div 9$ | A. 18×4 |
| 2. $24 \div 6$ | B. 6×4 | 10. $38 \div 2$ | B. 8×9 |
| 3. $36 \div 9$ | C. 9×5 | 11. $72 \div 4$ | C. 22×4 |
| 4. $45 \div 5$ | D. 17×3 | 12. $50 \div 2$ | D. 19×2 |
| 5. $28 \div 7$ | E. 7×4 | 13. $56 \div 4$ | E. 43×2 |
| 6. $64 \div 8$ | F. 9×9 | 14. $86 \div 2$ | F. 25×2 |
| 7. $51 \div 3$ | G. 8×8 | 15. $88 \div 4$ | G. 14×4 |
| 8. $81 \div 9$ | H. 13×5 | 16. $75 \div 3$ | H. 25×3 |

Write a book report about your favorite book. Use the outline to help you.

Title _____

Author _____

Main characters _____

Where and when does the story take place? _____

What is the main theme of the book? _____

Why did you like the book? _____

Do you think that students should have to wear school uniforms? Why or why not? State your opinion and provide reasons that support it.

Common nouns are general names for people, places, or things. *Proper nouns* name specific people, places, or things and begin with uppercase letters. Write each noun under the correct heading.

Common Nouns

Proper Nouns

Monday
ocean
class
November
holiday
July
boat
beans
Rex
North Carolina

Write the prefix *re-* or *un-* in each blank to complete each sentence. On the line, write the meaning of the new word.

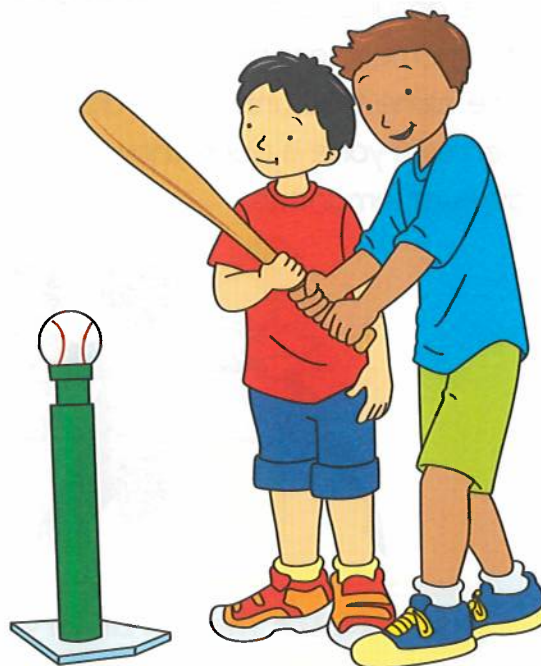
1. Please _____move your shoes before you come in. _____
2. That was an _____usual movie. _____
3. I would like to _____new the magazine subscription. _____
4. That was an _____common rainstorm. _____
5. You will have to _____tell the story later. _____

A *pronoun* is a word that takes the place of a noun. Read each sentence. Then, circle the noun(s) that each underlined pronoun is replacing.

EXAMPLE:

Betty has a computer. She keeps it on her desk.

6. Liv forgot her umbrella. She went home to get it.
7. Benji asked Juan if he would teach him to hit a baseball.
8. Amira and Becca both collect seashells. Sometimes, they trade with each other.
9. Rachel plays the violin, and sometimes she sings, too.
10. We gave our dog a new toy. Fido barked when he saw it.
11. Our school bus is always crowded, and it is usually noisy, too.



Name each figure by its points and label it with the correct symbol.

EXAMPLES:



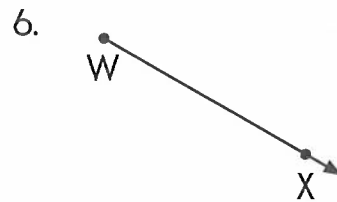
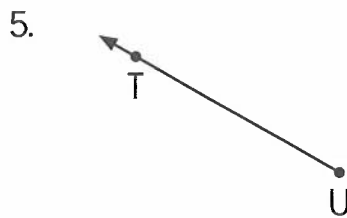
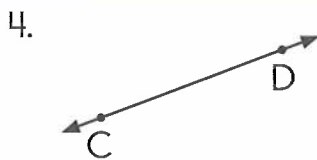
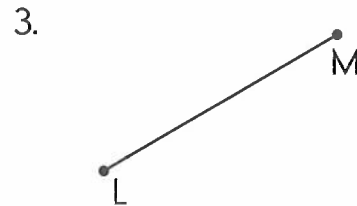
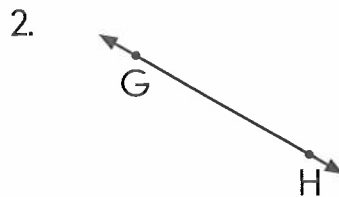
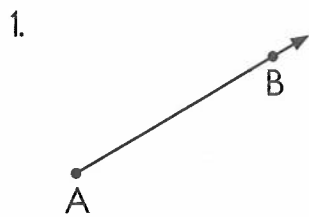
\overleftrightarrow{AB} = Line AB (or BA)



\overline{AB} = Line Segment AB (or BA)



\overrightarrow{AB} = Ray AB

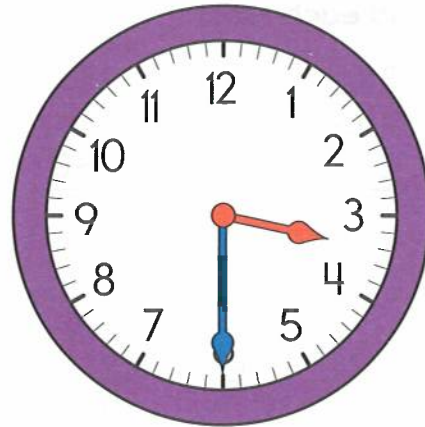


What would you do if you woke up with green hair?

Use the clock to answer each question.

1. What time does the clock show?

2. How long does it take for the minute hand to move from 6 to 5?

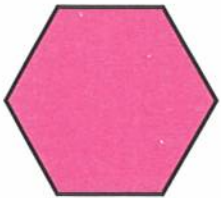


3. What time will it be when the minute hand reaches 12? _____

4. What time will it be when the minute hand moves 15 minutes? _____

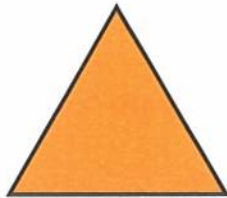
Write the number of sides and vertices for each polygon.

5.



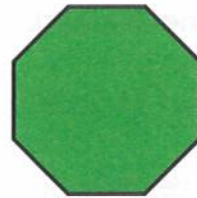
_____ sides _____ vertices

6.



_____ sides _____ vertices

7.



_____ sides _____ vertices

8.



_____ sides _____ vertices

9.



_____ sides _____ vertices

10.



_____ sides _____ vertices

11. Which three shapes have the same number of sides and vertices?

Complete each multiplication chart.

1.

× 2	
4	
8	
3	6
6	
9	
5	10
7	

2.

× 3	
3	9
7	
5	
2	
6	18
4	
8	

3.

× 4	
10	
5	20
8	
4	
7	
6	
9	

4.

× 5	
9	
2	
6	
3	15
5	
7	
4	

Write the correct word from the word bank to complete each sentence.

cottage
quarter
curtains
circus
bell
pictures
pennies
market
chatter

5. Look at all of the funny _____ in this book.
6. You can buy bread and milk at the _____.
7. We live in a small _____.
8. This pencil costs a _____.
9. I am saving a lot of _____ in a jar.
10. The clowns at the _____ were great.
11. When you hear the _____, run fast.
12. We have white _____ on our windows.
13. Chipmunks _____.

Draw a straight line through three numbers that, when added together, total each sum provided.

1. Sum: 78

20	28	14
16	32	42
19	18	13

2. Sum: 110

16	33	64
39	22	44
51	10	72

3. Sum: 251

71	47	18
82	20	46
98	43	33

4. Sum: 149

15	93	24
63	25	33
63	25	61

5. Sum: 506

94	100	90
88	206	58
79	200	96

6. Sum: 189

94	100	90
88	20	58
79	10	96

Write the correct past- or present-tense form of the verb in parentheses to complete each sentence.

7. My friends and I like to _____ clay animals. (make)
8. Yesterday, we _____ the clay into different shapes. (roll)
9. Jeremy _____ making a clay hippo yesterday. (enjoy)
10. Our teacher _____ us bake the clay animals. (help)
11. He always _____ them in the kiln. (place)
12. After they were baked and cooled, we _____ them. (paint)
13. Often, we _____ them as gifts. (give)

Add commas where they belong in each phrase or sentence.

1. My family visits Spring Grove Minnesota every year in the summer.
2. Dear Grandpa
3. Yours truly
4. On October 9 2009 Carolyn saw the play.
5. My aunt and uncle live in North Branch New York.
6. Dear Jon
7. January 1 2010
8. Paris Texas is located in the northeastern part of the state.

Circle the measurement from the parentheses that correctly completes each sentence.

9. A bathtub could hold up to (150 milliliters, 150 liters) of water.
10. A flower vase could hold up to (1 liter, 1 milliliter) of water.
11. A bike would weigh (10 grams, 10 kilograms).
12. An orange would weigh (100 grams, 100 ounces).
13. An ear of corn would be (11 inches, 11 yards) long.
14. A pencil would be (15 meters, 15 centimeters) long.



Answer each question.

1. How many 6s are in 18? _____
2. How many 9s are in 18? _____
3. How many 5s are in 25? _____
4. How many 7s are in 21? _____
5. How many 2s are in 8? _____
6. How many 8s are in 32? _____
7. How many 4s are in 20? _____
8. How many 6s are in 36? _____

Read each sentence. If the underlined word is spelled correctly, write *correct*. If it is spelled incorrectly, rewrite the word with the correct spelling.

9. I'd like a glass of water. _____
10. Do you know where they've been today? _____
11. Be carefull with that knife. _____
12. My mom was very unhappy today. _____
13. What did Joni plant in her gardin? _____
14. We looked at all of the babyies in the hospital. _____
15. Aunt Mary canned 10 pounds of cherries. _____
16. He waved at us from the window. _____
17. Did you like the new movee? _____
18. Remember to set your alarm clock. _____



FITNESS FLASH: Do 10 squats.

* See page ii.

Solve each word problem. Show your work.

1. There are 48 people coming to a family reunion. One fourth of them live out of state. How many live in-state?
2. At the reunion, 3 meals will be served. Each person will use one plate for each meal. How many plates are needed?
3. The oldest person coming to the reunion is 84. The youngest person is 3. How many times older is the oldest person than the youngest person?
4. Of the people coming to the reunion, 16 are children. Each child will get 8 water balloons. How many water balloons are needed?

Read each pair of words. For each pair, write one way the two things are alike and one way they are different.

5. leopard, cheetah _____

6. keyboard, piano _____

7. cabin, tent _____

8. whistle, sing _____

Add to find each sum.

$$\begin{array}{r} 1. \quad 6,898 \\ 5,433 \\ + 2,154 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 8,459 \\ 4,908 \\ + 4,356 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 525 \\ 653 \\ + 896 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 5,265 \\ 2,278 \\ + 8,365 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 2,147 \\ 3,255 \\ + 2,256 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 654 \\ 452 \\ + 138 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 7,092 \\ 5,405 \\ + 6,124 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 5,768 \\ 6,937 \\ + 7,034 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 4,265 \\ 5,124 \\ + 6,489 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 8,214 \\ 7,716 \\ + 6,389 \\ \hline \end{array}$$

A *metaphor* is a figure of speech in which two things are compared without using the words *like* or *as*. Read each metaphor. Write the names of the two things that are being compared.

11. The falling snowflakes were tiny dancers whirling through the sky.

_____ and _____

12. The highway was a parking lot, and it took us hours to get home.

_____ and _____

13. The tornado was a powerful train heading straight for the tiny town.

_____ and _____

14. Excitement was an electrical current that pulsed through the audience.

_____ and _____

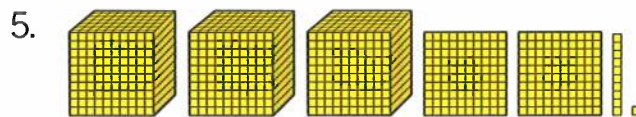
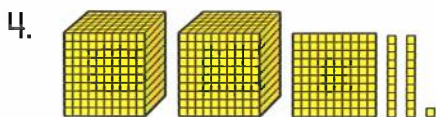
15. Dara's fingers were icicles after two hours of sledding.

_____ and _____

Write each number. Then, write its expanded form.

1. five hundred sixty-one _____
2. four hundred eighty-six _____
3. four thousand eight hundred twenty-six _____



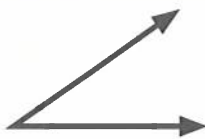

Count how many are in each set. Write each number.

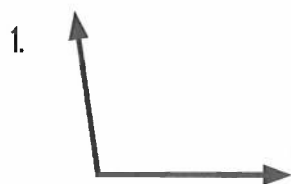


Write the letter of each definition next to the correct geometry term.

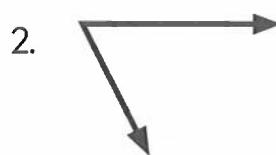
- | | |
|------------------------------|--|
| 6. _____ parallel lines | A. a line with one endpoint that continues in one direction |
| 7. _____ perpendicular lines | B. the endpoint of three line segments on a solid figure |
| 8. _____ vertex | C. a flat surface of a solid figure |
| 9. _____ face | D. where two or more faces of a solid figure meet |
| 10. _____ edge | E. lines that intersect to form four right angles |
| 11. _____ ray | F. the space between two nonparallel rays that share an endpoint |
| 12. _____ line segment | G. lines that cross at only one point |
| 13. _____ angle | H. a line with two endpoints |
| 14. _____ intersecting lines | I. lines that never intersect |

Use a protractor to measure each angle. Write each angle measurement. Then, write *right*, *straight*, *acute*, or *obtuse* to identify each angle.

Right Angle: 90° angle 	Straight Angle: 180° angle 
Acute Angle: Measures less than 90° 	Obtuse Angle: Measures more than 90° but less than 180° 



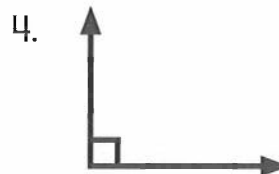
_____ $^\circ$



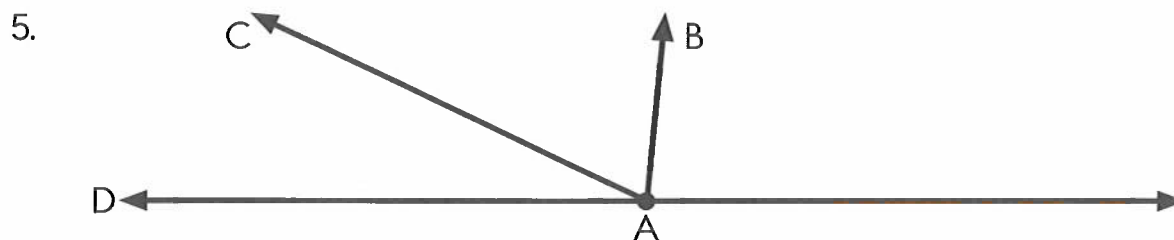
_____ $^\circ$



_____ $^\circ$



_____ $^\circ$



Angle BAC = _____ $^\circ$ Angle CAD = _____ $^\circ$

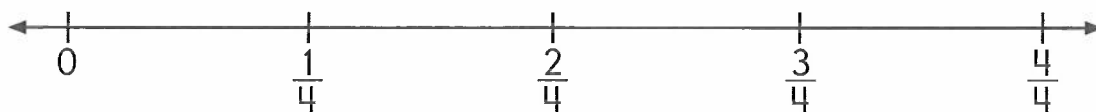
Add the measures of angles BAC and CAD to find the measure of angle BAD. Use your answers above to complete the equation:

_____ $^\circ$ + _____ $^\circ$ = _____ $^\circ$

Display the data on the line plot.

Plant	A	B	C	D	E	F	G	H	I	J
Inches grown	$\frac{1}{4}$	$\frac{3}{4}$	$\frac{1}{4}$	$\frac{2}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{4}$	$\frac{4}{4}$	$\frac{4}{4}$	$\frac{1}{4}$

Key
1 plant = X



For plants that grew $\frac{1}{4}$ inch, what was the total number of inches grown? _____

Write a prepositional phrase to complete each sentence. Begin each phrase with a preposition from the box.

across
beside

by
behind

inside
on

over
to

under
up

EXAMPLE: Lex received a letter in the mail from his Grandma.

- Maggie found her brother hiding _____.
- It was hot outside, so we decided to have the picnic _____.
- Liza walked _____ and picked a juicy tomato for lunch.
- Donita's legs were tired from the long hike _____.
- I left your books _____.
- Mr. Juarez put the plant _____, where it would get lots of light.
- Tomas sat _____ in the cafeteria.
- The cardinal flew _____ and landed on a branch.

Solve each problem. Show your work.

1. Mai rode her bike 2 miles. There are 5,280 feet in 1 mile. How many feet did Mai ride her bike?

_____ feet

2. 78 boxes were loaded into a truck. Each box weighed 9 pounds. How many pounds were loaded into the truck?

_____ pounds

3. A pool holds 4,800 gallons of water. How many hours will it take to fill the pool if 120 gallons of water are added each hour?

_____ hours

4. A broadcasting tower will be 2,542 feet tall when it is completed. So far, the builders have constructed 1,268 feet of the tower. How many more feet do the builders have to go?

_____ feet

Write an ending to the story.

The three friends had not seen Logan for a long time. They were standing in the main room of the natural history museum. "He was here a little while ago," said Kim. The museum was closing. Most of the other visitors had already left.

"Logan likes the dinosaur exhibit and the astronomy room," said Craig. "Maybe we should go look there."

Just then, a museum guard said, "Sorry, but the museum is closing. You'll have to come back tomorrow."

Draw three lines beneath each letter that should be capitalized.

Jane Goodall

jane goodall was born in 1934 in hampstead, london. She was given a chimpanzee toy named jubilee when she was young. Jane goodall visited the gombe stream national park in Tanzania to study chimpanzees. She later got a degree from the University of cambridge. jane goodall gave the chimpanzees she studied names like fifi and david Greybeard. She has won many awards, including the united nations messenger of peace prize.

The *main idea* tells what a story is about. Underline the sentence in each story that tells the main idea.

1. Penny's dog Coco likes to eat special snacks. Coco eats carrots. She also likes cheese. Her favorite snack is peanut butter dog biscuits. Penny makes sure that Coco does not eat too many snacks. They also go for a walk every afternoon.
2. Oliver Owl is teaching Owen Owl to fly. Oliver tells Owen to perch on the highest branch of the tallest tree. "Then, jump and flap your wings as hard as you can," he says. Owen is nervous, but he trusts Oliver. He jumps from the branch and flaps his wings. Oliver cheers as Owen starts to fly! Later, Owen says that Oliver is good at teaching little owls how to fly.

CHARACTER CHECK: Why is it important to be someone people can trust? Write your answer on a separate sheet of paper.

Write *cm*, *m*, or *km* to complete each sentence.

1 meter (m) = 100 centimeters (cm)

1 kilometer (km) = 1,000 meters (m)

1. Reid is 150 _____ tall.
2. Paige's room is 5 _____ wide.
3. Whitney's hand is 14 _____ long
and 5 _____ wide.
4. Mr. Suarez drove his car 84 _____
the first hour.
5. The distance from Chicago, Illinois,
to Denver, Colorado, is 1,466 _____.
6. Myla's kitchen is approximately
7 _____ wide.
7. The flagpole at the post office is
46 _____ tall.
8. Lin and Tara walked approximately
3 _____ in 30 minutes.

Compare the fractions. Use the greater than (>), less than (<), or equal to (=) symbols.
Hint: It is easier to compare fractions when their denominators are the same.

EXAMPLE: $\frac{6}{8} > \frac{2}{4}$ (Think: $\frac{2}{4}$ is equal to $\frac{4}{8}$. I can multiply the numerator and denominator by 2 to change $\frac{2}{4}$ to $\frac{4}{8}$.)

9. $\frac{3}{4} \bigcirc \frac{9}{12}$

10. $\frac{5}{8} \bigcirc \frac{1}{4}$

11. $\frac{2}{10} \bigcirc \frac{1}{2}$

12. $\frac{6}{9} \bigcirc \frac{1}{3}$

13. $\frac{7}{8} \bigcirc \frac{5}{8}$

14. $\frac{1}{2} \bigcirc \frac{7}{10}$

15. $\frac{4}{12} \bigcirc \frac{3}{4}$

16. $\frac{3}{6} \bigcirc \frac{2}{3}$

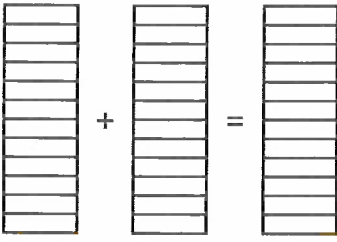
17. $\frac{7}{8} \bigcirc \frac{3}{4}$

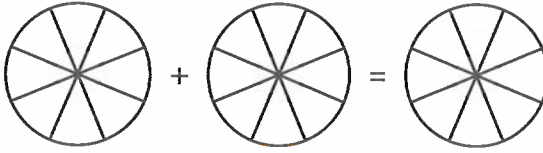
18. $\frac{1}{6} \bigcirc \frac{1}{12}$


19. $\frac{3}{9} \bigcirc \frac{1}{3}$

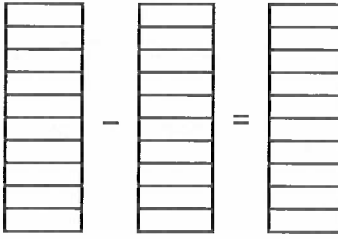
20. $\frac{2}{5} \bigcirc \frac{5}{10}$

Solve each equation. Shade the models to help you.

1.  $\frac{5}{12} + \frac{2}{12} = \underline{\hspace{2cm}}$

2.  $\frac{3}{8} + \frac{4}{8} = \underline{\hspace{2cm}}$

3.  $\frac{3}{6} - \frac{1}{6} = \underline{\hspace{2cm}}$

4.  $\frac{4}{10} - \frac{3}{10} = \underline{\hspace{2cm}}$

A **relative pronoun** is used to begin a phrase that describes a noun. Some relative pronouns are *that*, *which*, and *who*. Circle a relative pronoun in each sentence below. Then, write two sentences of your own that use relative pronouns.

5. The twins who live next door are nine years old.
6. My aunt, who lives in California, has invited me to visit during spring break.
7. The DVD that I borrowed from my cousin won't play.
8. Your e-mail, which I received yesterday, was really thoughtful.
9. The hat that you are wearing looks just like the one Dad lost.
10. The birds that nested in the fern have finally laid eggs.
11. _____
12. _____

Solve each problem.

1.
$$\begin{array}{r} 2 \overline{)224} \end{array}$$

2.
$$\begin{array}{r} 16 \\ \times 7 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 3 \overline{)63} \end{array}$$

4.
$$\begin{array}{r} 3 \overline{)156} \end{array}$$

5.
$$\begin{array}{r} 46 \\ -28 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 38 \\ +17 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 83 \\ -47 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 57 \\ +34 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 18 \\ \times 4 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 24 \\ \times 7 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 2 \overline{)256} \end{array}$$

12.
$$\begin{array}{r} 7 \overline{)770} \end{array}$$

13.
$$\begin{array}{r} 804 \\ -238 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 132 \\ -78 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 176 \\ +394 \\ \hline \end{array}$$

Homophones are words that sound the same but have different meanings and are spelled differently. Write the correct homophone from the parentheses to complete each sentence.

16. I have _____ more days of school. (to, two)
17. Have you _____ this book before? (read, red)
18. That lion has large _____. (paws, pause)
19. I like that song _____. (two, too)
20. The boys had _____ much work to do before dark. (too, to)
21. _____ is my favorite color. (Red, Read)
22. We are going _____ Lake Louise this summer. (to, two)

Read the passage. Then, answer the questions.

Flash Floods

Rain is good for people and plants. When it rains too much, though, people could be in danger. A flash flood occurs when a lot of rain falls quickly, filling the streets faster than the water can drain. Driving is very dangerous in a flash flood. A person's car could be swept away. If you live in an area where flash flooding is likely, you should listen to radio or TV news reports when it starts to rain. Be ready to leave your home with your family if a newscaster says to move to higher ground. If you leave on foot, do not walk through moving water. Your parents should not drive through standing water unless it is less than 6 inches (15.24 cm) deep. After a flood, listen to news reports. A newscaster will tell you when you can return home safely and when the water from your tap will be safe to drink.

1. What is the main idea of this passage?
 - A. Flash floods can be dangerous and occur suddenly.
 - B. Never drive through a flooded area.
 - C. Take important items with you when you leave your home.
2. What happens during a flash flood? _____

3. What could happen to a car in a flash flood? _____

4. What should you do when it starts to rain? _____

5. How does the author support the idea that flash floods are dangerous to people? _____

6. What should you do after a flood? _____

Bounce Away!

How much height does a ball lose with each bounce?

Energy is the ability to do work. *Potential energy* is the energy that an object has because of its position. The energy of an object in motion is called *kinetic energy*. If you hold a tennis ball above the ground, it has potential energy due to its position. When the ball is released, gravity pulls it down. The ball's potential energy becomes kinetic energy.

Materials:

- meterstick
- tennis ball

Procedure:

Hold the meterstick vertically with one end against the floor. Hold the tennis ball so that the bottom is at the zero mark.

Drop the ball from a height of 1 meter. Watch carefully to determine the height of the first, second, and third bounces. Round the answer to the nearest centimeter, and record the information on the table below.

Because of the speed at which the ball bounces, you may want to ask another person to help you measure the height of the ball's bounces.

Bounce	Height of Bounce
1	
2	
3	

What's This All About?

The shape of the tennis ball changes slightly when it hits the floor. Some energy is lost as heat (due to friction from air resistance) and when the ball changes shape. Because of the lost energy, the ball will not bounce to the same height it was dropped from. After the ball hits the ground, it returns to its original shape. The energy becomes upward motion as the ball bounces into the air.

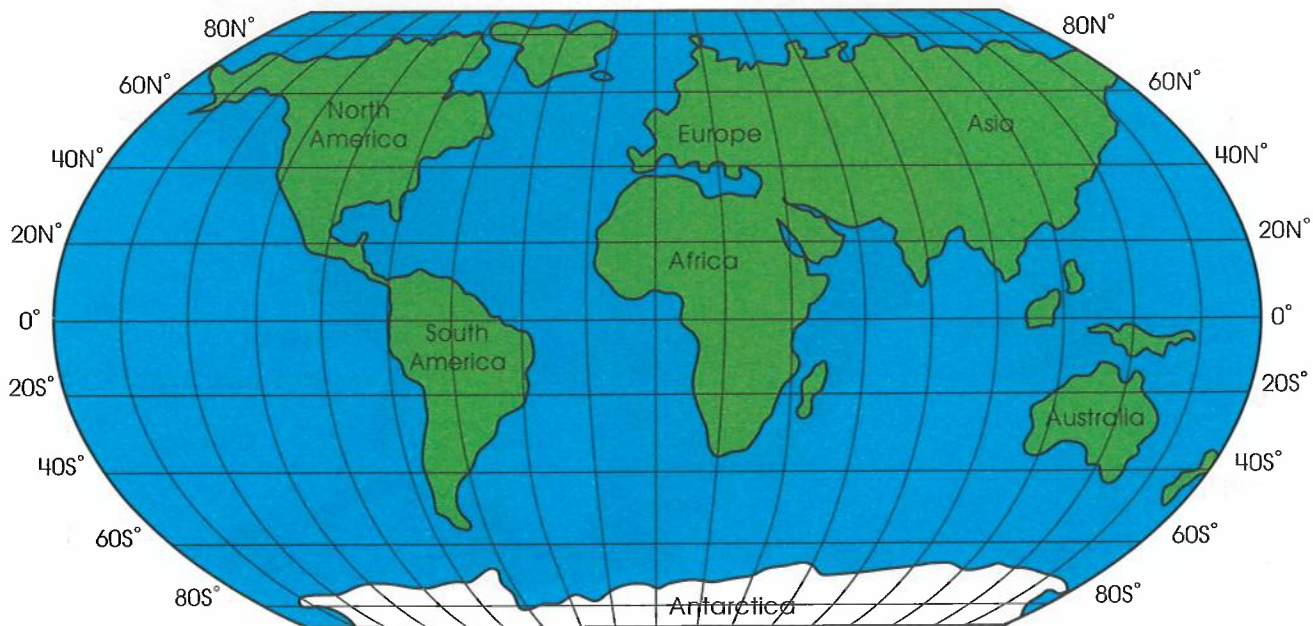
Think About It

How are potential and kinetic energy different?

Lines of Latitude

Lines of latitude are imaginary lines that run east to west on a map. They are marked in degrees ($^{\circ}$) and help people locate places around the world. The equator is the line at 0° latitude. The lines of latitude on the map below are measured in 20° segments from the equator. Places north of the equator have the letter *N* after their degrees. Places south of the equator have the letter *S* after their degrees.

Study the map. Then, answer the questions.

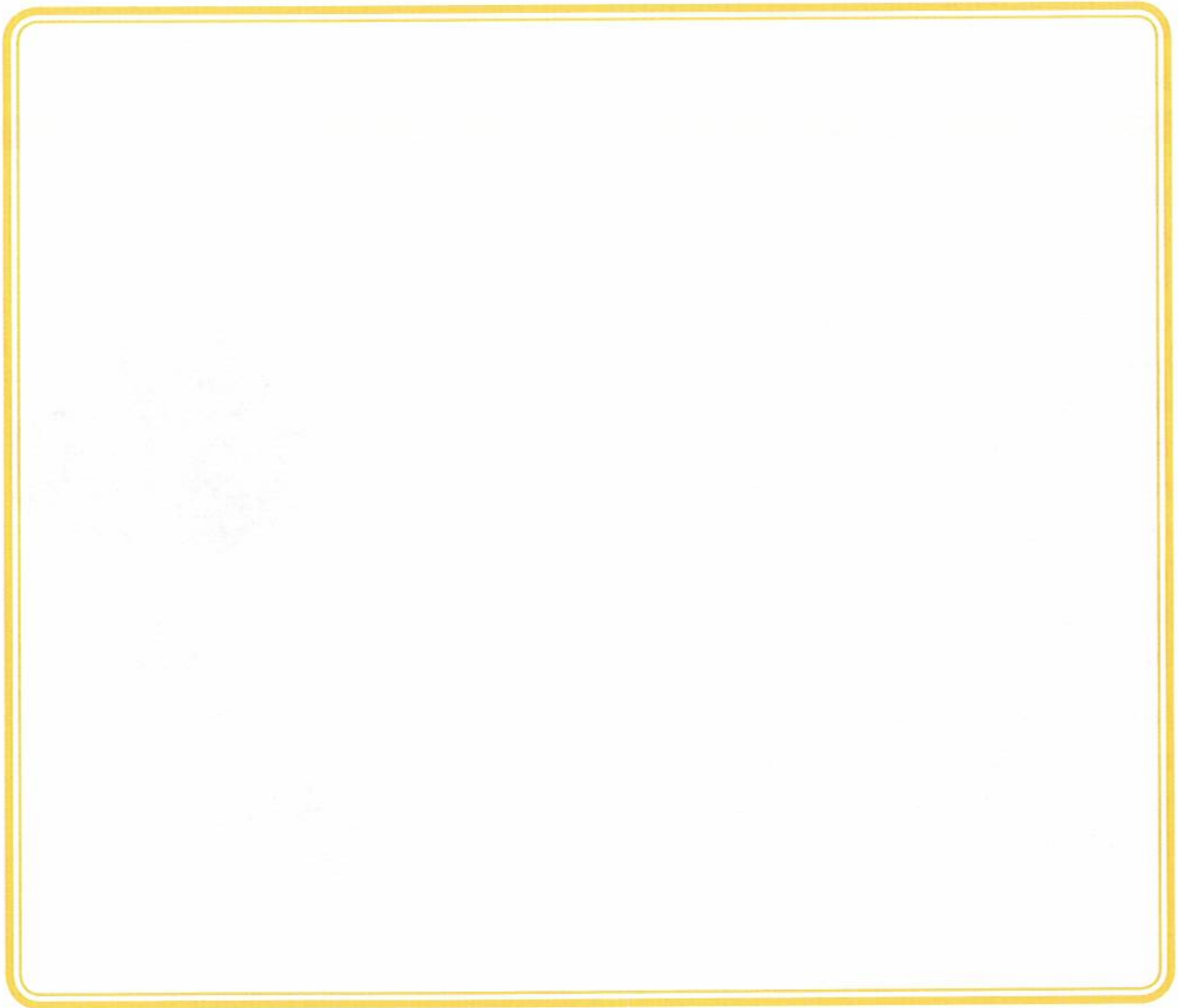


1. The equator is at _____ $^{\circ}$ latitude.
2. For locations in North America, the latitude should be followed by the letter _____.
3. The latitude for the southern tip of South America would be followed by the letter _____.
4. Use a red crayon or marker to trace the equator.

Coat of Arms

A *coat of arms* is a design that belongs to a particular person or family. The colors, symbols, and backgrounds used in a coat of arms all have special meanings and say something about the coat of arms's owner. For example, the color blue may represent truth and loyalty, while a lion may represent courage.

Create a coat of arms. Think of some qualities that you have and are proud of. Brainstorm ways that you could represent those qualities on your coat of arms. Go online with an adult if you need more information. Then, draw your coat of arms in the box.



Monthly Goals

Think of three goals to set for yourself this month. For example, you may want to exercise for 20 minutes each day. Write your goals on the lines and review them with an adult.

Place a sticker next to each of your goals that you complete. Feel proud that you have met your goals!

1. _____ PLACE
STICKER
HERE
2. _____ PLACE
STICKER
HERE
3. _____ PLACE
STICKER
HERE

Word List

The following words are used in this section. They are good words for you to know. Read each word. Use a dictionary to look up each word that you do not know. Then, write two sentences. Use a word from the word list in each sentence.

central
discuss
interviewing
murmuring
organized

rely
rural
statue
urban
vapor

1. _____

2. _____

Multiply to find each product.

1.
$$\begin{array}{r} 26 \\ \times 12 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 49 \\ \times 33 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 87 \\ \times 28 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 51 \\ \times 42 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 94 \\ \times 78 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 81 \\ \times 32 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 23 \\ \times 18 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 55 \\ \times 37 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 62 \\ \times 29 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 75 \\ \times 46 \\ \hline \end{array}$$

Read the paragraph. Then, answer the questions.

Sandra's mother offered to help her get ready for the new school year. Sandra grew a full inch taller over the summer. Her shoes were too tight, and her pants were almost above her ankles.

11. What do you think Sandra and her mother will do? _____

12. Which clues helped you decide? _____



FITNESS FLASH: Do 10 jumping jacks.

* See page ii.

Read the passage. Then, answer the questions.

Food Webs

A *food web* is a drawing that shows how different living things are connected. In a food web, the living things at the bottom are eaten by the animals directly above them. For example, a food web might start at the bottom with plants. Plants do not eat other living things. Above these plants might be small animals, such as mice, that eat plants. Larger animals, such as owls and snakes, eat mice. A food web can tell us what might happen if certain plants or animals disappear from an **ecosystem**, or the surroundings in which all of the plants and animals live. In the food web described above, if something happened to the plants, then the mice would not have as much food. This would affect the owls and snakes, who would also not have enough food. Soon, there would be fewer of each type of animal. This is why it is important to protect all living things in an ecosystem, not just the larger ones.

1. What is the main idea of this passage?
 - A. Food webs show how all living things are connected.
 - B. Owls and snakes are the most important animals.
 - C. Only the animals at the top of the food web should be protected.
2. What is a food web? _____

3. What is an ecosystem?
 - A. a food web for very large animals
 - B. the surroundings where a group of plants and animals live
 - C. a place where only plants grow
4. How does the author support the idea that it is important to protect all living things in an ecosystem? _____

Do you think schools should schedule two recesses each day? Why or why not? Support your opinion with facts and reasons and include a conclusion.

Read each sentence. Write *F* if it is a fact. Write *O* if it is an opinion.

EXAMPLE:

- F Abraham Lincoln was the 16th president of the United States.
1. Spring is the best time of the year.
 2. Chocolate cake is the best dessert in the world.
 3. Daytime and nighttime depend on the position of the sun in the sky.
 4. Dogs are the best pets.
 5. Neil Armstrong walked on the moon in 1969.
 6. Lava rock was once hot liquid.
 7. Eating too much candy is bad for your teeth.
 8. Everyone should like chocolate ice cream.
 9. Reading is the best way to spend a rainy day.

Write factor pairs for each number.

1. 12

_____ × _____

_____ × _____

_____ × _____

2. 24

_____ × _____

_____ × _____

_____ × _____

_____ × _____

3. 15

_____ × _____

_____ × _____

4. 28

_____ × _____

_____ × _____

_____ × _____

5. 36

_____ × _____

_____ × _____

_____ × _____

_____ × _____

6. 32

_____ × _____

_____ × _____

_____ × _____

Complete each sentence by writing *more than*, *less than*, or *equal to*.

2 cups = 1 pint

2 pints = 1 quart

4 quarts = 1 gallon

7. 2 pints are _____ 1 quart. 8. 1 gallon is _____ 1 pint.
9. 1 pint is _____ 1 quart. 10. 6 pints are _____ 3 quarts.
11. 3 quarts are _____ 1 gallon. 12. 2 pints are _____ 4 cups.
13. 3 cups are _____ 1 quart. 14. 8 quarts are _____ 2 gallons.

Read the story. Then, answer the questions.

Ivy's grandmother will celebrate her 70th birthday soon. Ivy wants to get her grandmother a special gift, but she spent her money on new books instead. Ivy loves reading about Mexico. Her grandmother came from Mexico, and she read to Ivy when Ivy was little. Lately, her grandmother's eyesight has been failing, so she can no longer see the words on the page.

1. What do you think Ivy will do? _____

2. Which clues helped you decide? _____

Fractions that have a denominator of 10 can also be written as decimals. Write each fraction and/or decimal.

EXAMPLE:



3.  _____ or _____

4.  _____ or _____

5.  _____ or _____

6.  _____ or _____

7.  _____ or _____

8. $\frac{3}{10}$ or _____

9. $1\frac{7}{10}$ or _____

10. $3\frac{5}{10}$ or _____

11. 1.9 or _____

12. 0.8 or _____

13. 3.4 or _____

Read the story. Then, write the meaning of each word.

Gabe lives in a large city with his grandparents. The building that he and his grandparents live in is very tall and has different sets of rooms for each family that lives there. This building is called an apartment building. In this community, all of the buildings are close together. People do not have to go far to get things they need in this urban area. Gabe's cousin, Jasper, lives in a rural, or country, community. He plays in his large backyard instead of in a park like Gabe. There is a lot of space between houses where Jasper lives. Both Gabe's and Jasper's neighborhoods have schools, hospitals, and stores.

1. community _____

2. urban _____

3. rural _____

Subtract to find each difference. Write answers in simplest form.

EXAMPLE:

$$\frac{4}{5} - \frac{1}{5} = \frac{3}{5}$$

← subtract the numerators
← keep the same denominator

4. $\frac{2}{6} - \frac{1}{6} =$

5. $\frac{5}{10} - \frac{3}{10} =$

6. $\frac{3}{4} - \frac{2}{4} =$

7. $6\frac{8}{10}$
 $- 3\frac{4}{10}$

8. $8\frac{4}{10}$
 $- 3\frac{3}{10}$

9. $7\frac{2}{15}$
 $- 3\frac{1}{15}$

Find each equivalent measurement.

1. 15 meters = _____ centimeters
2. 6,000 meters = _____ kilometers
3. _____ centimeters = 250 millimeters
4. 1 meter = _____ millimeters
5. 85 meters = _____ centimeters
6. _____ kilometers = 500 meters
7. 3,000 millimeters = _____ meters
8. 15,000 meters = _____ kilometers

1 centimeter = 10 millimeters
1 meter = 100 centimeters
1 kilometer = 1,000 meters

In each sentence, underline the cause and circle the effect.

EXAMPLE: The sky became cloudy. (then it started to snow.)

9. The cold weather caused frost to cover the windows.
10. The falling snowflakes made my cheeks wet and cold.
11. Snow stuck to my mittens because I had made a snowman.
12. The snowman melted from the heat of the sun.
13. I swam so long in the pool that I had to put on more sunscreen.
14. Cayce missed the bus because she overslept.
15. Because Shay watched a scary movie on TV, she could not fall asleep.
16. The lady was thirsty, so she went to get a glass of water.

Read the passage. Then, answer the questions.

Planning a City

What do the streets in your city look like? Some cities have streets that are very straight and organized. It is easy to get from one point in the city to another. Other cities have streets that seem to go nowhere. It may be difficult to give directions to your home.

In the past, when a group of people moved to a place and started planning the streets, some of them used something called a *grid system*. One example of this is found in the city of Philadelphia, Pennsylvania, which is divided into four sections around a central square. The map was laid out by William Penn in 1682. The grid included wide streets that were easy for people to walk down. Penn left London, England, after a fire destroyed most of the city. London had a maze of narrow streets that were hard to move around safely. Penn wanted to make sure that people could get around easily and safely. Many other people followed Penn's ideas when setting up their new cities' street systems.

1. What is the main idea of this passage?
 - A. William Penn drew the first grid system.
 - B. Planning a city is important for safety and ease of use.
 - C. Some streets are straight and organized.
2. What is one good thing about having straight streets? _____

3. What is a grid system?
 - A. a plan for developing a city's streets
 - B. an area of the classroom
 - C. a TV channel
4. When did Penn leave London? _____

5. How are Philadelphia's streets different from London's? _____

Use the table to answer each question.

Student Music Lesson Schedule

Day 1 (new students only)	Day 2	Day 3	Day 4	Day 5
Nicole	José	Solina	Greg	Jamie
Naomi	Kira	Jamie	Kipley	Solina
Tanya	Kipley	Greg	Jacob	Rebecca
Michelle	Mark	Rebecca	José	Mark
Fiora	Jacob	Margaret	Kira	Drake

- Other than Jacob, who has a lesson on day 4? _____

- Tanya, Naomi, and Fiora all have a lesson on which day? _____
- How many lessons is Jacob scheduled for in all? _____
- Kipley, Naomi, and Mark practice together. Who is the new music student?

- How many new students are there altogether? _____
- Why does Mark not have a lesson on day 1? _____

If you could be any animal, which animal would you be? Why?

Read the passage and answer the questions that follow.

King Midas

One day, King Midas was strolling through his garden. He came across the teacher Silenus, who had taken ill. Midas nursed the old man back to health. The Greek god Dionysus was joyful at the return of his beloved friend Silenus. He allowed the king to make one wish, though he warned him to choose wisely.

King Midas decided quickly. "I would like to have everything I touch turn to gold," he said. Dionysus found the king to be very foolish. Still, he granted the wish.

King Midas grabbed a twig from a tree. His fingers touched the branch, and it immediately turned to gold. *Amazing!* thought the king. Once he returned home, he ran from room to room, turning things to gold. A golden chair! Golden flowers! A golden staircase!

When the king sat down to feast that night, he reached for a loaf of bread. It turned to gold in his hands. He tried to spoon vegetables onto his plate and sip from his cup of water, but they too turned to gold. The king's daughter entered the room at that moment. She saw the look of worry on her father's face and rushed to hug him. He did not have time to warn her away, and the beautiful young girl turned into a statue of gold.

1. Why does Dionysus offer to grant a wish for the king? _____
2. Why does Dionysus find the king to be foolish? _____

3. What lesson does this myth teach? What other genre of writing often has a moral or lesson? _____

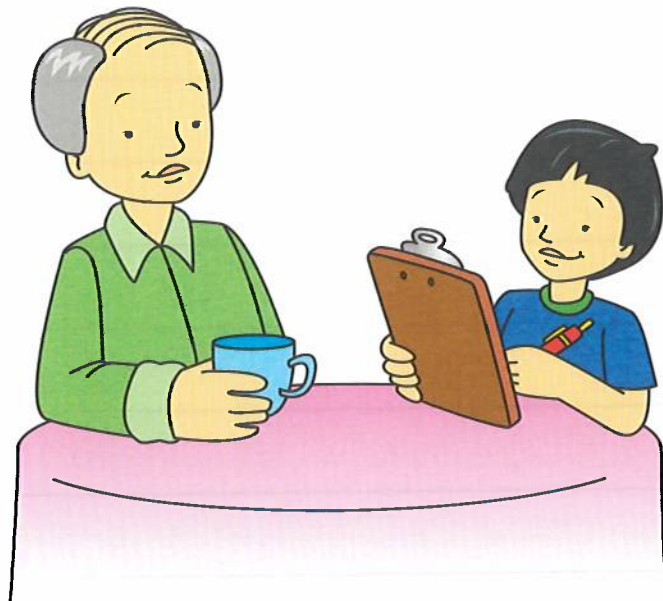
4. What do you think will happen next in the story? _____

Look at each underlined idiom. Then, choose the correct meaning of each sentence.

1. Cody was back to square one when his dog chewed his science fair project.
 - A. Cody stood on a square that was labeled one.
 - B. Cody had to start his science fair project again from the beginning.
 - C. Cody was unhappy that his dog chewed up his science fair project.
2. Time flies when we are having fun.
 - A. Time seems to go quickly when we are having fun.
 - B. Time has wings and flies like a bird.
 - C. Time goes slowly.
3. Torika needs to toe the line if she wants to go to the movies.
 - A. Torika needs to behave if she wants to go to the movies.
 - B. Torika needs to stand behind a line if she wants to go to the movies.
 - C. Torika needs to stand in line for a movie ticket.

The Power of Perseverance

The word *perseverance* means to keep going even if something is difficult. Think of someone you know whom you admire or consider a hero, like a grandparent. Ask this person if you can conduct an interview. Ask your hero questions to try to determine what made him successful. What struggles did he overcome? What made him persevere? Write the answers to those questions. After interviewing your hero, write a key quote from him that explains his perseverance, such as, "I always tried my best because I wanted to be my best." Post the quote where you can see it every day as a reminder to never give up.



Solve the problems. Write remainders like this: R4.

1. $3\overline{)5,422}$

2. $8\overline{)687}$

3. $9\overline{)1,599}$

4. $4\overline{)428}$

5. $3\overline{)755}$

6. $4\overline{)4,624}$

7. $7\overline{)878}$

8. $2\overline{)2,542}$

9. $5\overline{)374}$

10. $6\overline{)954}$

11. $9\overline{)1,000}$

12. $3\overline{)752}$

Imagine that you are asked to invent a new word. What would the word be, and what would it mean?

Add to find each sum. Write each answer in simplest form.

1. $\frac{1}{4} + \frac{3}{4} =$

2. $\frac{3}{5} + \frac{2}{5} =$

3. $\frac{3}{7} + \frac{2}{7} =$

4. $\frac{3}{4} + \frac{1}{4} =$

5. $\frac{1}{7} + \frac{1}{7} =$

6. $\frac{1}{6} + \frac{4}{6} =$

Write the correct homophone from the word bank to complete each sentence.

I

eye

you

ewe

wear

where

7. My friend and _____ ate sandwiches and apples for lunch.

8. The _____ took care of her lamb.

9. Cory got a speck of dust in his _____.

10. Do you know _____ to put the books away?

11. Would _____ please hand me that pencil?

12. Hillary will _____ her blue shoes today.



Read the passage. Then, answer the questions.

Health and Fitness

Health and fitness are important for you and your family. If you start good health habits now, you will have a better chance of being a healthy adult later. You may go to physical education class several times a week, but you should also try to stay fit outside of school. You and your family can make healthy choices together. You can choose fresh fruit for dessert instead of cake. Offer to help make dinner one night, and surprise your family by preparing a delicious salad. You can go for a walk together after dinner instead of watching TV. Exercising can help wake up your brain so that you can do a good job on your homework. Making healthy choices may seem hard now, but it will feel good after a while.

1. What is the main idea of this passage?
 - A. Going to physical education class is fun.
 - B. Making healthy choices is too hard.
 - C. Health and fitness are important for you and your family.
2. What might happen if you start good health habits now? _____

3. How does the author support the idea that good health is important? _____

4. What is a better choice than cake for dessert? _____
5. What can you do instead of watching TV after dinner? _____

6. Find another source of information about health and fitness. You can go online with an adult's help or look for a book at the library. On a separate sheet of paper, write a paragraph that summarizes what you have learned about health and fitness.

Solve the problems.

$$\begin{array}{r} 1. \quad 5,422 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 9,260 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 285 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 3,164 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 907 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 8,616 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 6,182 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 5,481 \\ \times \quad 2 \\ \hline \end{array}$$

Separate each run-on sentence into two sentences. Use correct capitalization and punctuation to write the new sentences.

9. Raven has a new backpack it is green and has many zippers.

10. Katie borrowed my pencil she plans to draw a map.

11. Zoe is outside she is on the swings.

12. Zack is helping Dad Elroy is helping Dad too.

Read the story. Then, answer the questions.

Julie and Clint closed their eyes to shut out the sun's glare. As they sat on the ground, the hot July sun felt good. They could hear the wind blowing softly through the pine trees, making a kind of whispering, murmuring sound. They could hear the creek nearby making soothing, babbling sounds. They could even hear the distant screech of a hawk flying high in the sky overhead.

1. Where do you think Julie and Clint are? _____
2. What season of the year is it? _____
3. What could Julie and Clint hear? _____

4. What would you like to do if you were there? _____

Imagine that you are having a party to celebrate something good. Write about what you are celebrating. Then, on a separate sheet of paper, design an invitation for your party.

Subtract to find each difference. Regroup if needed.

1.
$$\begin{array}{r} 3.01 \\ -2.42 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 5.41 \\ -3.77 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 4.71 \\ -3.82 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 7.27 \\ -4.19 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 8.48 \\ -3.99 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 8.47 \\ -3.58 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 5.02 \\ -3.21 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 7.04 \\ -6.67 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 8.46 \\ -4.57 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 6.03 \\ -2.77 \\ \hline \end{array}$$

Read the story. Then, answer the questions.

Swimming Lessons

Ann and her brother took swimming lessons this summer. Because they live in the country, they took a bus to the pool. It took half an hour to get there. Their lessons were two hours long, then they rode the bus home. Even though it took a lot of time, they enjoyed it very much. By the end of the summer, they both knew how to swim well.

11. What is the best summary for this story?
- A. Ann and her brother took swimming lessons this summer.
- B. Ann and her brother rode a bus to the pool to take swimming lessons this summer. They enjoyed it and both learned how to swim.
12. Should a summary be longer or shorter than the original story? _____
13. What information should be included in the summary? _____
- _____
- _____
- _____

Where would you find the answer to each of the following questions? Write the name of the best reference from the word bank.

globe

dictionary

encyclopedia

1. Where is Oregon? _____
2. How do they harvest sugarcane in Hawaii? _____
3. Which syllable is stressed in the word *Utah*? _____
4. What kind of food do people eat in Mexico? _____
5. Which continent is closest to Australia? _____
6. Where is the Indian Ocean? _____
7. Who was Thomas Edison, and what did he do? _____
8. What does the word *hibernate* mean? _____
9. What are two different meanings for the word *project*? _____

The proofreading mark [^] is used to show where a word, letter, or punctuation mark needs to be added in a sentence. Use the proofreading mark [^] to show where commas are needed in each sentence.

10. As a bird of prey the American kestrel eats insects mice lizards and other birds.
11. Birds of prey such as hawks have hooked beaks and feet with claws.
12. Falcons are powerful fliers and they can swoop from great heights.
13. The American kestrel the smallest North American falcon is only 8 inches (20.3 cm) long.
14. "Kim let's look at this book about falcons."

Read the passage and answer the questions that follow.

Ava, Scientist

Ava had spent every spare moment of the last week working on her science fair project. She aspired to be a scientist one day. It was all she had ever wanted to do. Ava had her mind set on winning first prize. She could think of dozens of ways to use a new, powerful microscope. Her project wasn't going the way she had planned it, though. She pulled the lever, and several metal cans toppled to the floor. Ava stomped her foot with **exasperation**.

"Ava?" said Dad, tapping at her door. "How's it coming? Do you need any help?"

Ava sighed. "Nope, I just have to keep working until I get it right."

1. How would you describe Ava's character? Use details from the story to support your answer. _____

2. What does *exasperation* mean? What clues in the story helped you determine the meaning? _____
3. Write a brief summary of the story. _____

4. Rewrite part of the story using first-person point of view. Be sure to include details that might not be obvious from the third-person point of view. _____

Subtract to find each difference. Regroup if needed.

$$\begin{array}{r} 1. \quad 5,042 \\ -1,624 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 2,710 \\ -1,624 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 4,200 \\ -1,122 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 7,106 \\ -2,410 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 3,340 \\ -1,112 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 9,824 \\ -1,224 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 6,831 \\ -4,560 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 7,605 \\ -1,282 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 6,351 \\ -5,675 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 8,001 \\ -2,381 \\ \hline \end{array}$$

Round each number to the nearest place shown in parentheses ().

11. (ten thousand) 54,220 _____

12. (thousand) 3,728 _____

13. (thousand) 8,922 _____

14. (ten thousand) 46,003 _____

15. (hundred) 614 _____

16. (ten thousand) 18,138 _____

17. (hundred thousand) 198,425 _____

18. (ten thousand) 72,311 _____

CHARACTER CHECK: What is the hardest task that you have ever done? How did you feel when it was over? On a separate sheet of paper, write a paragraph about your experience.

Spoon Bell

How can the pitch of sound be changed?

Pitch is a property of sound. A sound's pitch is determined by the frequency of the waves that are producing it. Pitch is often described in terms of the highness or lowness of a sound.

Materials:

- 30 inches (76 cm) of string
- metal spoon
- table

Procedure:

Tie the handle of the spoon to the center of the string. Wrap the ends of the string around your index fingers.

Place the tip of each index finger in each ear. Lean over so that the spoon hangs freely. Tap the spoon against the side of a table. Listen carefully. Then, record your observations on the chart below.

Shorten the string by wrapping more of it around your fingers. Tap the spoon against the table again. Then, record your observations on the chart below.

Trial	Observations
1	
2	

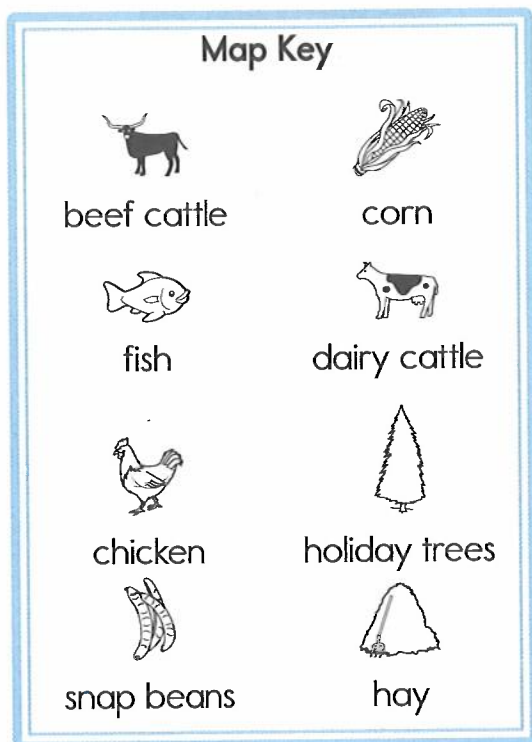
Which trial was louder? _____

What's This All About?

The vibrating molecules in the spoon hit the string's molecules. The energy is transferred up the string to your ears. When the vibrations travel across a long string, they spread out and have a lower frequency and a lower pitch. When you shorten the string, the movements are more compressed. This results in a higher frequency and a higher pitch.

Product Map

A *product map* uses symbols to show which products are produced in certain places. Below is a product map of Wisconsin. Study the map. Then, answer the questions.

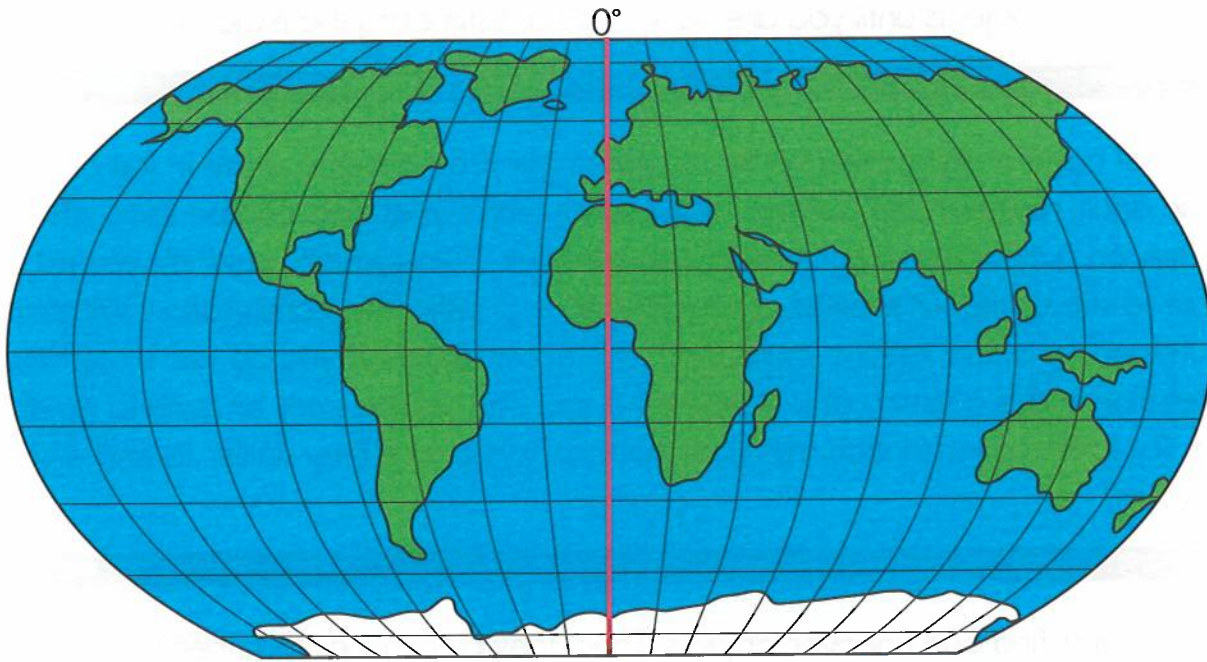


1. What product does Wisconsin produce the most of? _____
2. Are more chickens or dairy cattle raised in Wisconsin? _____
3. Which two products are produced the least? _____
4. Judging from the map, does Wisconsin produce more livestock or crops?

5. Why might it be helpful to know where products are produced? _____

Hemispheres

The prime meridian (0° longitude) and the meridian at 180° longitude divide Earth into two halves called the *eastern hemisphere* and the *western hemisphere*. Study the map below. Then, circle the correct hemisphere in parentheses to complete each sentence. Use an atlas or a world map if needed to help you identify each continent.



1. North America is in the (eastern, western) hemisphere.
2. Asia is mostly in the (eastern, western) hemisphere.
3. Africa is mostly in the (eastern, western) hemisphere.
4. South America is in the (eastern, western) hemisphere.
5. Europe is mostly in the (eastern, western) hemisphere.
6. Australia is in the (eastern, western) hemisphere.

weather

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their

© Carson Dellosa

wood

© Carson Dellosa

night

© Carson Dellosa

whose

© Carson Dellosa

shown

© Carson Dellosa

write

© Carson Dellosa

threw

© Carson Dellosa

our

© Carson Dellosa



succeed
(antonym)

© Carson Dellosa

wide
(antonym)

© Carson Dellosa

borrow
(antonym)

© Carson Dellosa

strange
(synonym)

© Carson Dellosa

annoy
(synonym)

© Carson Dellosa

dependable
(synonym)

© Carson Dellosa

Fish is to swim
as birds are to:

© Carson Dellosa

Pillows are to soft
as boards are to:

© Carson Dellosa

Graceful is to
clumsy as hot is to:

© Carson Dellosa

port
(carry)

© Carson Dellosa

dict
(speak)

© Carson Dellosa

audi
(hear or listen)

© Carson Dellosa

bio
(life)

© Carson Dellosa

auto
(self)

© Carson Dellosa

vis
(see)

© Carson Dellosa

scope
(see, watch)

© Carson Dellosa

ology
(study)

© Carson Dellosa

graph
(write or draw)

© Carson Dellosa



point

© Carson Dellosa

right angle

© Carson Dellosa

acute angle

© Carson Dellosa

line
segment

© Carson Dellosa

line

© Carson Dellosa

obtuse angle

© Carson Dellosa

ray

© Carson Dellosa

perpendicular
lines

© Carson Dellosa

parallel
lines

© Carson Dellosa



2,485

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639

© Carson Dellosa

49,561

© Carson Dellosa

2,749

© Carson Dellosa

98

© Carson Dellosa

217

© Carson Dellosa



326,513

© Carson Dellosa

3,746

© Carson Dellosa

493

© Carson Dellosa

Factor pairs of 20

© Carson Dellosa

Factor pairs of 18

© Carson Dellosa

Factor pairs of 12

© Carson Dellosa

Factor pairs of 36

© Carson Dellosa

Factor pairs of 32

© Carson Dellosa

Factor pairs of 24

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Factor pairs of 60

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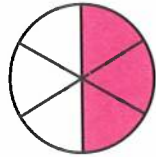
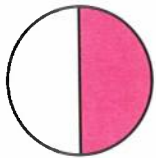
Factor pairs of 56

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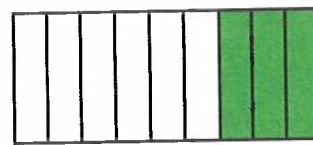
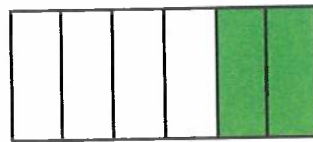
Factor pairs of 48

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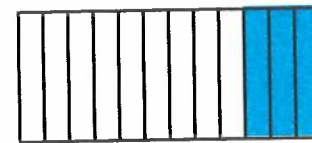
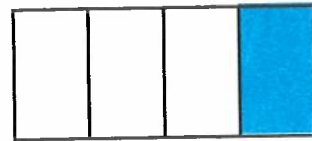




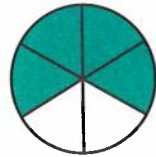
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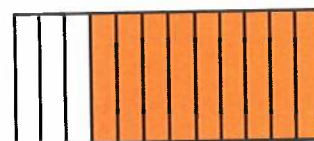
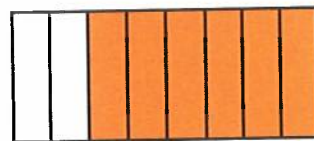
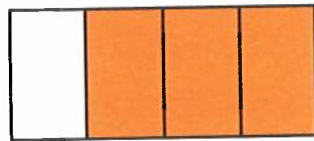
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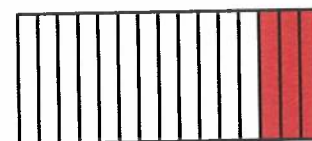
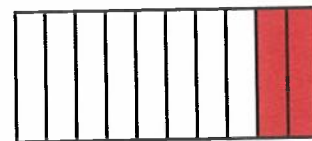
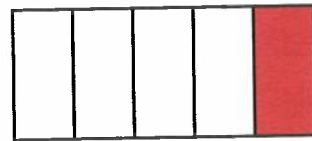
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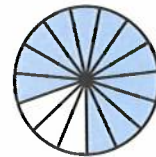
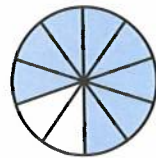
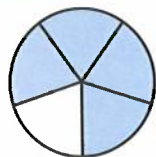
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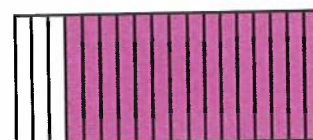
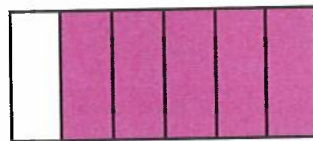
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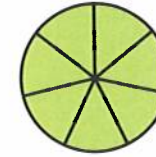
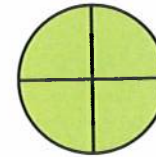
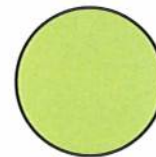
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Congratulations!

This certifies that

Name

has completed **Summer Bridge Activities**.

Parent's Signature