

SCHOOL'S OUT FOR THE SUMMER

4th Grade Summer Review Packet

Filled with math, reading,
writing, word work/spelling,
language, social studies, science,
and technology concepts!

Perfect for outgoing 4th graders!
It can even be used as
4th grade bellwork or during the
first few months of 5th grade.

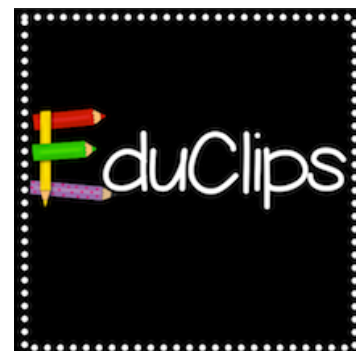


CREDITS

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Please visit my [Teachers Pay Teachers store](#) for more products and ideas.

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Paula Kim Studio
CLIPART FOR SMALL BUSINESS

A portion of the materials herein were created with the use of 1, 2 3, Math Fonts.

Math Concepts Included:

All 4th Grade Math Common Core State Standards Covered

geometric shapes	perimeter
multiplication	area
division	decimals
angles	fractions
factors	percents
multiples	scale
graphing	symmetry
open sentences	patterns
name collection boxes	geometric solids
what's my rule	volume
measurement	decimal multiplication
coordinate grids	decimal division
powers of 10	positive & negative numbers
probability	3 and 4 digit addition

Science & Social Studies Concepts Included:

geography	regions
government	countries
habitats	energy
economics	nutrition
animals	matter
food chains	planets & solar system

Reading Concepts Included:

All 4th Grade Reading Common Core State Standards Covered

theme	comprehension
characters	fiction & nonfiction
setting	main idea
events	summarize
context clues	structure
compare and contrast	phonics



Writing Concepts Included:

All 4th Grade Writing Common Core State Standards Covered

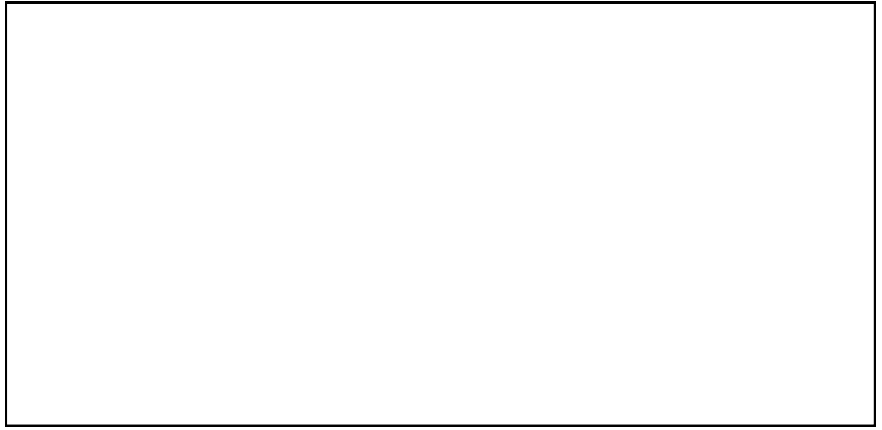
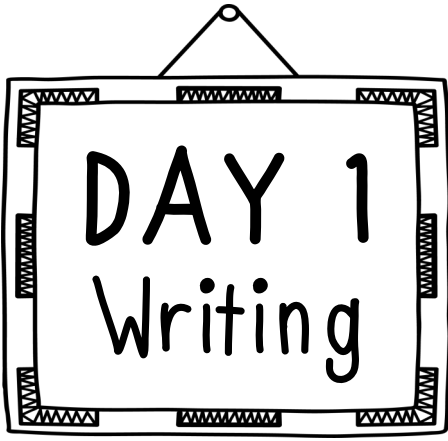
opinion writing	research
informative writing	standard English grammar
narrative writing	writing conventions



Language Concepts Included:

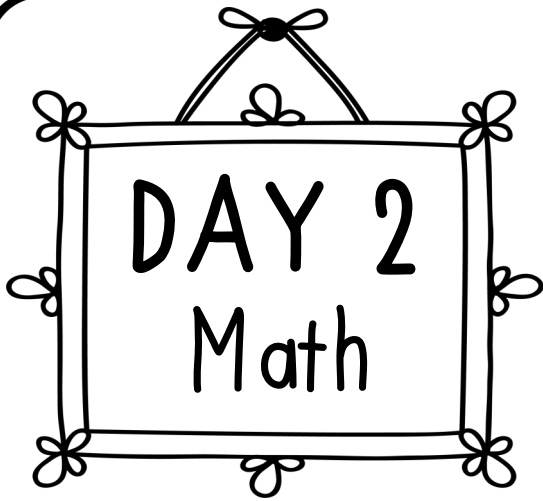
All 4th Grade Language Common Core State Standards Covered

prefixes	syllables
suffixes	analogies
parts of speech	synonyms & antonyms
capitalization	similes & metaphors
punctuation	homophones
spelling	figures of speech
verb tense	reference materials
fact vs. opinion	frequently misspelled words



Write about your last day of school. Draw a picture.
Remember to use your best spelling and grammar.

3-4 Digit Addition & Subtraction



$$\begin{array}{r} 861 \\ +382 \\ \hline \end{array}$$

$$\begin{array}{r} 417 \\ +690 \\ \hline \end{array}$$

$$\begin{array}{r} 978 \\ +256 \\ \hline \end{array}$$

$$\begin{array}{r} 597 \\ +242 \\ \hline \end{array}$$

$$\begin{array}{r} 420 \\ +135 \\ \hline \end{array}$$

$$\begin{array}{r} 207 \\ +671 \\ \hline \end{array}$$

$$\begin{array}{r} 630 \\ -120 \\ \hline \end{array}$$

$$\begin{array}{r} 640 \\ -468 \\ \hline \end{array}$$

$$\begin{array}{r} 536 \\ -205 \\ \hline \end{array}$$

$$\begin{array}{r} 530 \\ -427 \\ \hline \end{array}$$

$$\begin{array}{r} 899 \\ -312 \\ \hline \end{array}$$

$$\begin{array}{r} 918 \\ -529 \\ \hline \end{array}$$

$$\begin{array}{r} 885 \\ -862 \\ \hline \end{array}$$

$$\begin{array}{r} 838 \\ -261 \\ \hline \end{array}$$

$$\begin{array}{r} 726 \\ -537 \\ \hline \end{array}$$

$$\begin{array}{r} 332 \\ -178 \\ \hline \end{array}$$



$$\begin{array}{r} 3821 \\ +8076 \\ \hline \end{array}$$

$$\begin{array}{r} 8709 \\ +9789 \\ \hline \end{array}$$

$$\begin{array}{r} 7691 \\ +2425 \\ \hline \end{array}$$

$$\begin{array}{r} 3459 \\ +8154 \\ \hline \end{array}$$

$$\begin{array}{r} 2069 \\ +4456 \\ \hline \end{array}$$

$$\begin{array}{r} 2225 \\ +8003 \\ \hline \end{array}$$

$$\begin{array}{r} 1844 \\ +1094 \\ \hline \end{array}$$

$$\begin{array}{r} 7081 \\ -5365 \\ \hline \end{array}$$

$$\begin{array}{r} 7856 \\ -2081 \\ \hline \end{array}$$

$$\begin{array}{r} 4962 \\ -4135 \\ \hline \end{array}$$

$$\begin{array}{r} 9986 \\ -5649 \\ \hline \end{array}$$

$$\begin{array}{r} 7412 \\ -2784 \\ \hline \end{array}$$

$$\begin{array}{r} 7943 \\ -5287 \\ \hline \end{array}$$

$$\begin{array}{r} 8612 \\ -5328 \\ \hline \end{array}$$

$$\begin{array}{r} 6180 \\ -3602 \\ \hline \end{array}$$



DAY 3

Technology & Social Studies

Directions: Use the internet to help you find the geography answers. Hint: all of the answers will start with the letters A, B, or C.

Find Geography A-Z worksheets at [Education World](http://EducationWorld.com).
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Geography - The Letters A, B, C

Capital of the European country Greece:

U.S. state that borders Mexico:

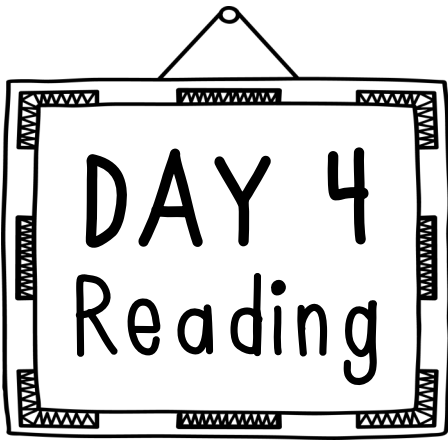
Mountain range that runs through central Italy:

Narrow body of water between Alaska and Russia:

Capital city of the Asian country Thailand:

Landlocked sea that borders Russia and Iran:

African river; one of the ten longest rivers in the world:



DAY 4
Reading

Directions: Use the context clues in each sentence to determine what the underlined word means. Write the definition of the word on the line.

1. He embezzled, or stole, thousands of dollars before he was caught.

2. A current is a very strong flow of water.

3. The crest, the bottom of the wave, falls over and breaks.

4. The news of the team's win will amaze, astound, and surprise their classmates.

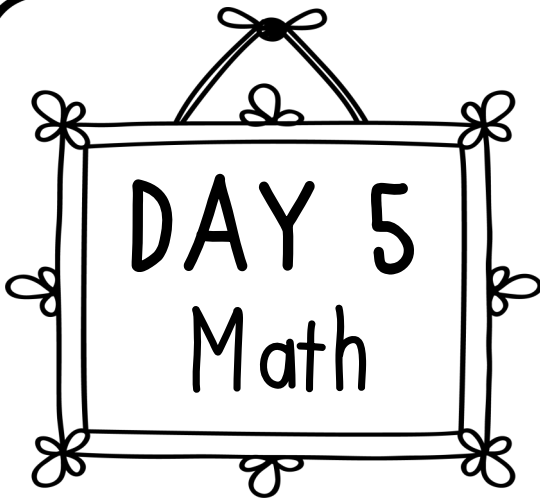
5. Today our class line is meandering, winding, and zigzagging through the hallway.

6. We knew he fabricated the whole story because it was too outrageous to be true.

7. The two girls made a wager, or bet, on who could eat the most hot dogs.

8. Normally the class is very boisterous, but today they were extremely quiet.

Geometric Shapes



Line = A straight path that extends infinity in opposite directions.

Ray = A straight path that starts at one point and continues forever in one direction.

Line Segment = A straight path joining two points. The two points are called endpoints of the segment.

Parallel = Lines, line segments, or rays are parallel if they never cross or meet.

Angle = A figure that is formed by two rays or two line segments with a common endpoint.

Polygon = A 2D figure that is made up of three or more line segments joined end to end to make one closed path. The line segments may not cross.

Quadrangle = A polygon that has 4 angles.

Draw line AB

Draw ray CD

Draw line segment EF

Draw line GH with point I on it

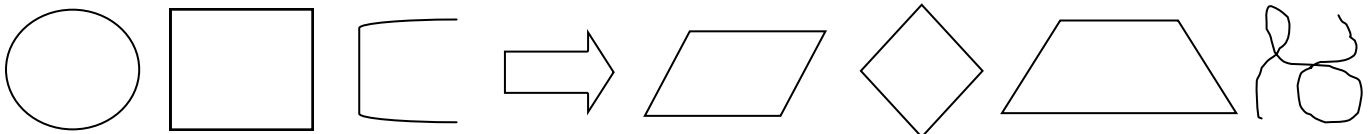
Draw ray JK parallel to line segment LM

Draw obtuse angle NOP

Draw acute angle QRS

Draw a trapezoid

Circle the polygons and cross off the quadrangles.



DAY 6
Language

Directions: Below is a list of words that elementary school students frequently misspell. Find them in the word search.

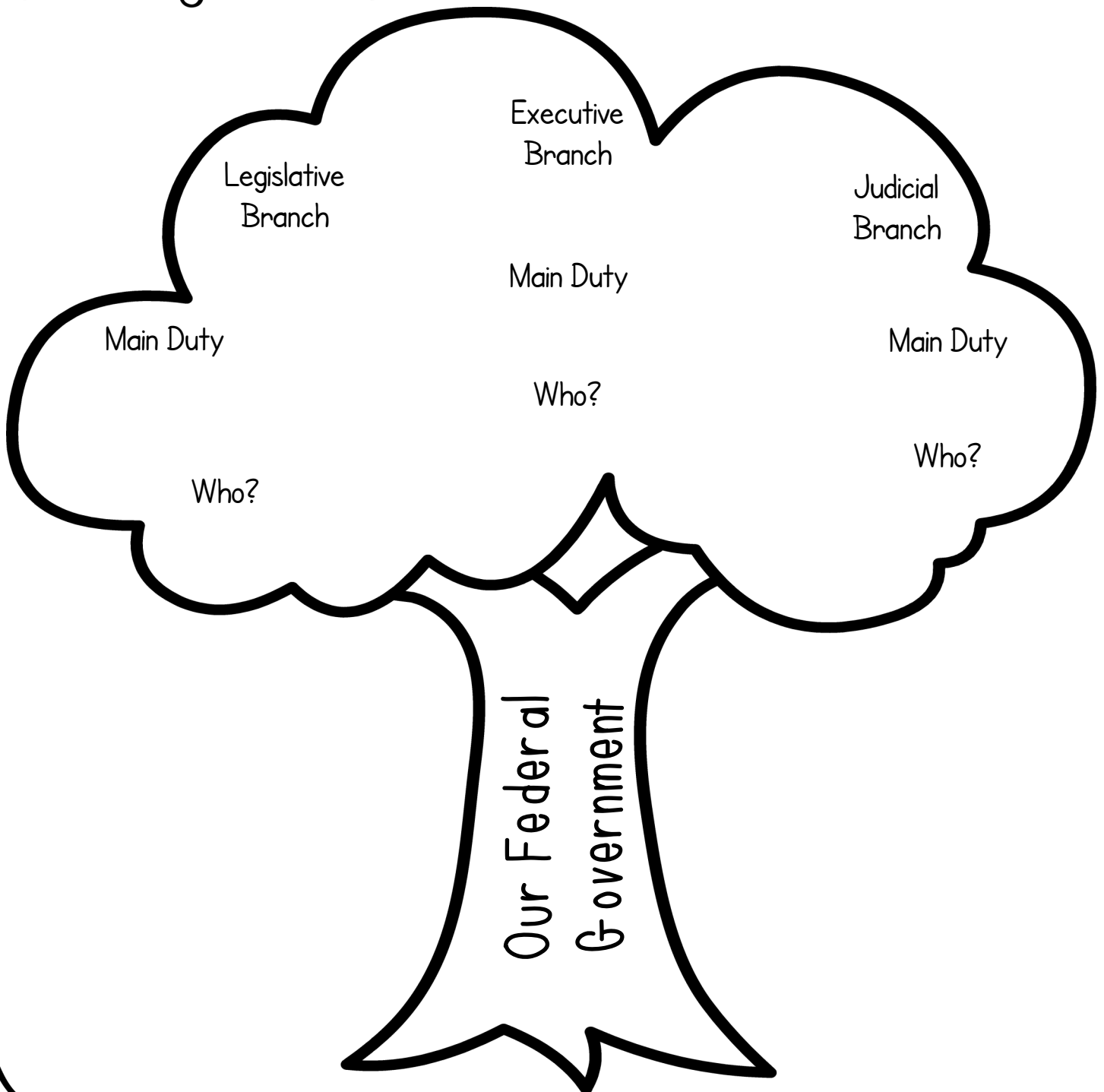
Have fun!

V V S M Y R W F R D T X Q E B Z V R U Q
 S A F B U Y L L B G R Y F E E A P N Z J
 S D I S L W J S E X B K F X E F R Y U C
 W A N L U Y D A T D M N T Z Y K S U S U
 B B A Q W V M T C W L U J E M X N E H O
 R E L T T R H K K W B D A I H Y K Y L S
 R C L T M L X M K N E J K E V X Y I I R
 U A Y I Q I L S L Q R R M H K R V K L L
 J U R M E C K A Q P S T E I M M N O W Z
 W S E A G V M I H F D D J H U O J W T F
 Z E U A L I E D C G I W G L W C T R Z F
 D M T N N B B O N S H E O N P U L S M A
 M I F A V O R I T E W O M E S P T N M C
 E T F B H Y H U N T I L U D Z T R U Q H
 U E O F F T O A E I H R U O Y V H Q H N
 T M E R E H T G W P V E F R P D H N T O
 L O P M A R H A P A F L Y A Z U R N A N
 J S O E H E E I D R K H N L O O N G C M
 U S Y Z D X I N K B N D Z B U Y U A Z K
 Q D H G U O R H T V G Y R A R D C K A X

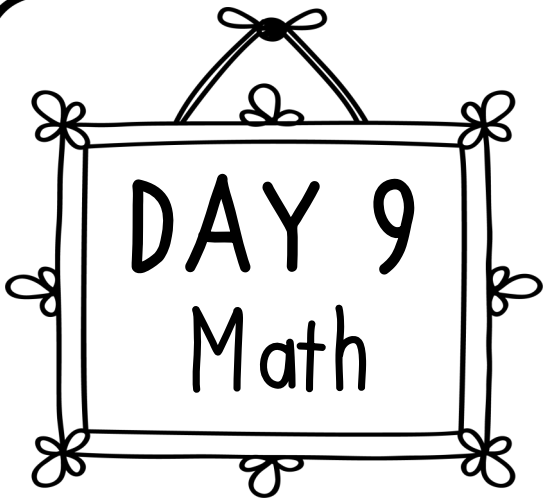
- again
- animal
- because
- believe
- different
- favorite
- finally
- friend
- it's
- know
- our
- outside
- really
- said
- something
- sometimes
- that's
- their
- there
- they
- they're
- through
- too
- until
- went
- were
- we're
- when
- where
- you're

United States Government

Directions: Complete the "Branches of our Government" tree by filling in the main job/duty of each branch and who is in each branch.



Multiplication



$$\begin{array}{r} 65 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ \times 7 \\ \hline \end{array}$$



$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

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

$$\begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

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

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

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

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

$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 1 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$$



$$\begin{array}{r} 34 \\ \times 99 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ \times 21 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ \times 64 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ \times 19 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ \times 53 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ \times 99 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ \times 60 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times 43 \\ \hline \end{array}$$



$$\begin{array}{r} 234 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 892 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 159 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 678 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 563 \\ \times 3 \\ \hline \end{array}$$

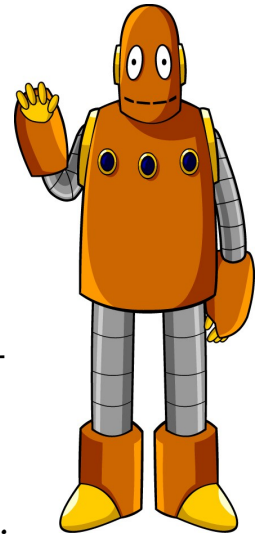


DAY 10
Technology &
Science

Directions: Use the internet and watch the BrainPOP video about Mars. Answer the questions after you watch the video.
(No subscription is needed to watch the Mars video)

<http://www.brainpop.com/science/space/mars/>

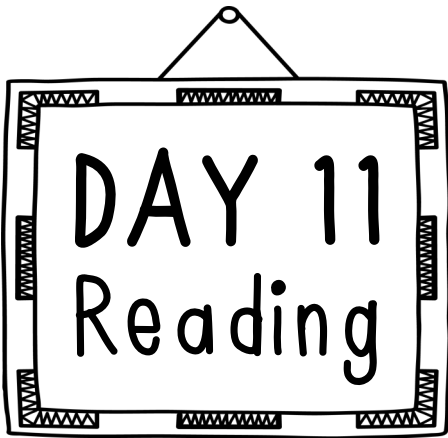
BrainPOP - Mars



1. Mars is the _____ planet from the sun.
2. Why is Mars known as the red planet?

3. How many moons does Mars have? _____
4. Mars has at least four things that are similar to Earth. Name them.

5. What is the atmosphere of Mars mostly made up of? _____
6. Draw and illustrate one fact you learned about Mars.



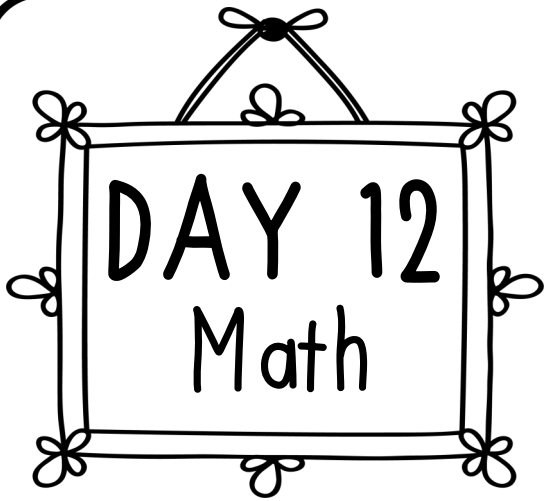
Directions: Pick a fiction book you are currently reading. Describe the characters, setting, and main events.

Title of Book: _____

Characters

Setting

Main Events



Division



Mental Math

$5 \div 2 =$

$42 \div 6 =$

$14 \div 2 =$

$5 \div 1 =$

$25 \div 5 =$

$18 \div 9 =$

$5 \div 1 =$

$8 \div 2 =$

$6 \div 3 =$

$8 \div 4 =$

$9 \div 3 =$

$35 \div 5 =$

$42 \div 7 =$

$36 \div 9 =$

$12 \div 3 =$

$56 \div 8 =$

$45 \div 5 =$

$16 \div 2 =$

$21 \div 7 =$

$6 \div 3 =$

$28 \div 4 =$



Show Your Work

$5 \overline{)78}$

$2 \overline{)93}$

$8 \overline{)61}$

$4 \overline{)34}$

$3 \overline{)94}$

$3 \overline{)962}$

$5 \overline{)730}$

$2 \overline{)633}$

$9 \overline{)892}$

$8 \overline{)947}$



Directions: Look in books or think of words that have the same prefixes. A prefix is added to the beginning of the word. For example, the prefix "un" is added to the word "uneasy." Write the words in each category.

in-

mis-

post-

en-

un-

pre-

re-

fore-

dis-

com-

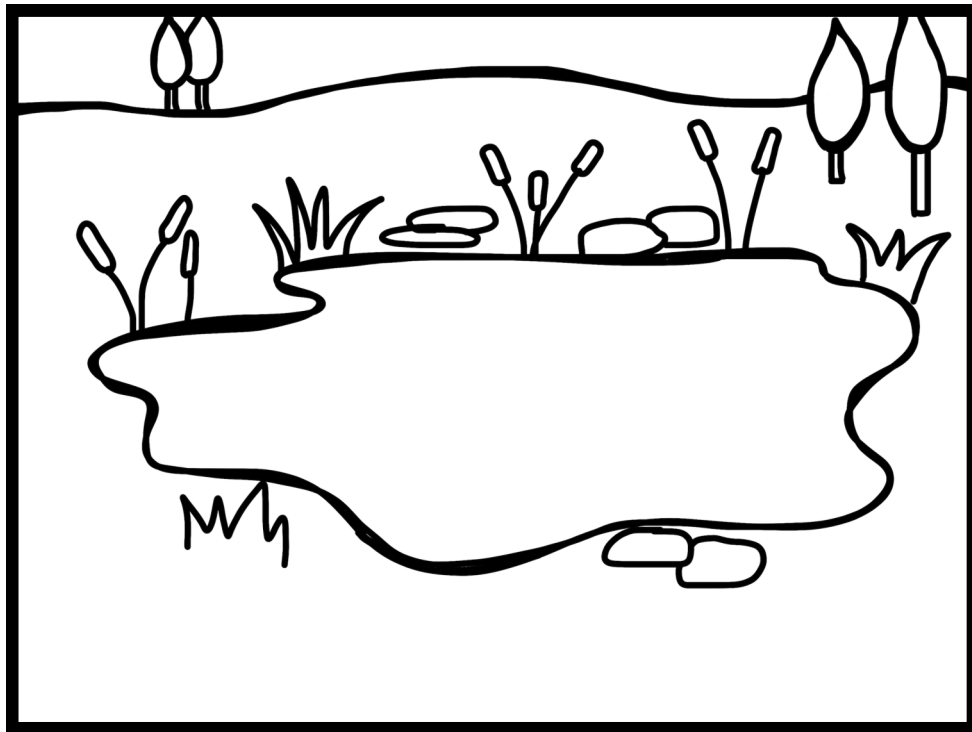
sub-

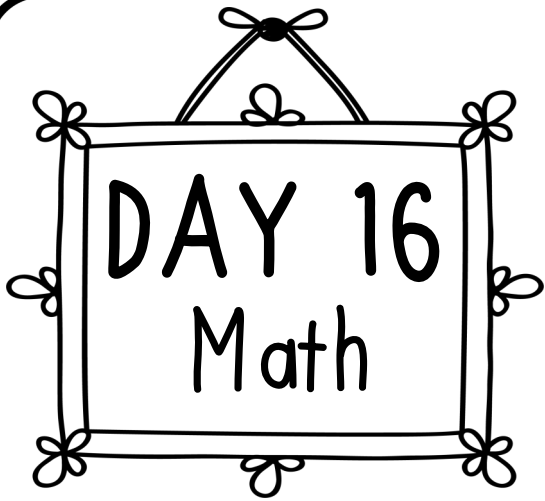
bi-



Habitats

Directions: Draw at least 5 animals that could survive in this pond habitat.
How do you know they could live here?
Explain using many details.





Angles

Acute = greater than 0° and less than 90°

Right = exactly 90°

Obtuse = greater than 90° and less than 180°

Straight = exactly 180°

Reflex = greater than 180° and less than 360°

Draw $\angle ABC$ that measures 37°

This angle is _____.
(acute, right, obtuse, straight, reflex)

Draw $\angle JKL$ that measures 90°

This angle is _____.
(acute, right, obtuse, straight, reflex)

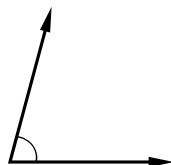
Draw $\angle DEF$ that measures 285°

This angle is _____.
(acute, right, obtuse, straight, reflex)

Draw $\angle MNO$ that measures 115°

This angle is _____.
(acute, right, obtuse, straight, reflex)

Angle GHI is an _____
(acute or obtuse) angle.



Measure of $GHI =$ _____ $^\circ$

Angle PQR is an _____
(acute or obtuse) angle.



Measure of $PQR =$ _____ $^\circ$



DAY 17

Technology &
Social Studies

Directions: Use the internet to help you find the geography answers. Hint: all of the answers will start with the letters D, E, or F.

Find Geography A-Z worksheets at [Education World](http://EducationWorld.com).
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Geography - The Letters D, E, F

River flows from Germany to Hungary to the Black Sea:

Country in Africa that borders Somalia:

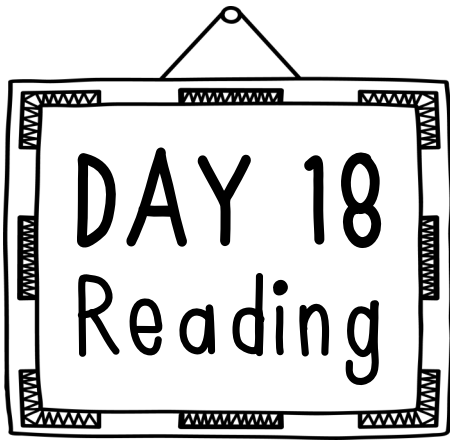
Capital city of the country Ireland:

Volcanic mountain found on the island of Sicily (part of Italy):

Pacific Island named for the holiday on which it was discovered:

Major city in Alaska:

Helsinki is the capital city of this northern European country:



Directions: Read the poems and determine the theme.
Theme is similar to the moral or lesson learned.

A Teacher's Lament By Kalli Dakos

Don't tell me the cat ate your math sheet,
And your spelling words went down the drain,
And you couldn't decipher your homework,
Because it was soaked in the rain.

Don't tell me you slaved for hours
On the project that's due today,
And you would have had it finished
If your snake hadn't run away.

Don't tell me you lost your eraser,
And your worksheets are pencils, too,
And your papers are stuck together
With a great big glob of glue.

I'm tired of all your excuses;
They are really a terrible bore.
Besides, I forgot my own work,
At home in my study drawer.

THEME =

Dancing on a Rainbow By Kalli Dakos

When my reading teacher
Comes to get me
For my special reading class
I feel like
Dancing on a rainbow.

To me she is

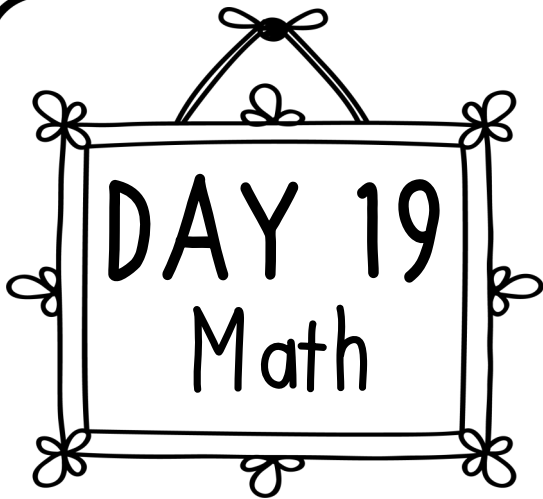
a light in the darkness
the twinkle of a star
soft as a cottonball
a true friend.

When my reading teacher
Comes to get me
For my special reading class

I know what it is like
To dance on a rainbow.

THEME =

Factors & Multiples



Factor = The numbers you multiply to get another number. For example, 2 and 3 are factors of 6 because $2 \times 3 = 6$.

Multiple = A product of n and a counting number. For example, the multiples of 7 are 7, 14, 21, 28, and so on.

Prime Numbers = Numbers that have only two factors.

Composite Numbers = Numbers that have more than two factors.

Name the factors for 10: _____

Is 10 a prime or composite number? _____

Name the factors for 25: _____

Is 25 a prime or composite number? _____

List the factor pairs for 3: _____

Is 3 a prime or composite number? _____

List the factor pairs for 9: _____

Is 9 a prime or composite number? _____

Name at least five multiples for 4: _____

Name at least five multiples for 9: _____

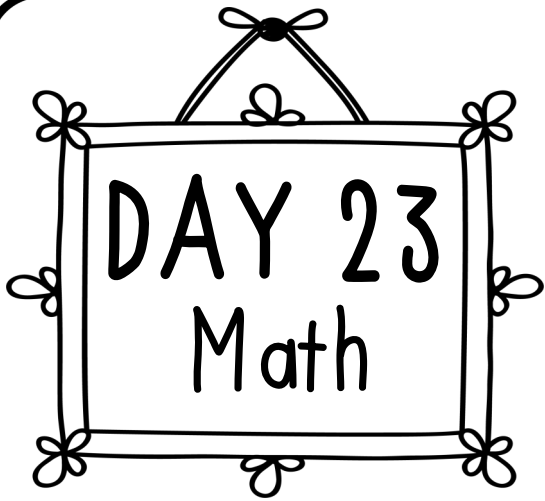
Name at least five multiples for 2: _____

Name at least five multiples for 8: _____



Economics

Directions: Draw and color a beautiful picture of a business. When you are done, label the **producer**, **consumer**, **human resources**, **capital resources**, **natural resources**, **goods**, and **services**. If you cannot think of what to draw, draw an ice cream shop or restaurant.



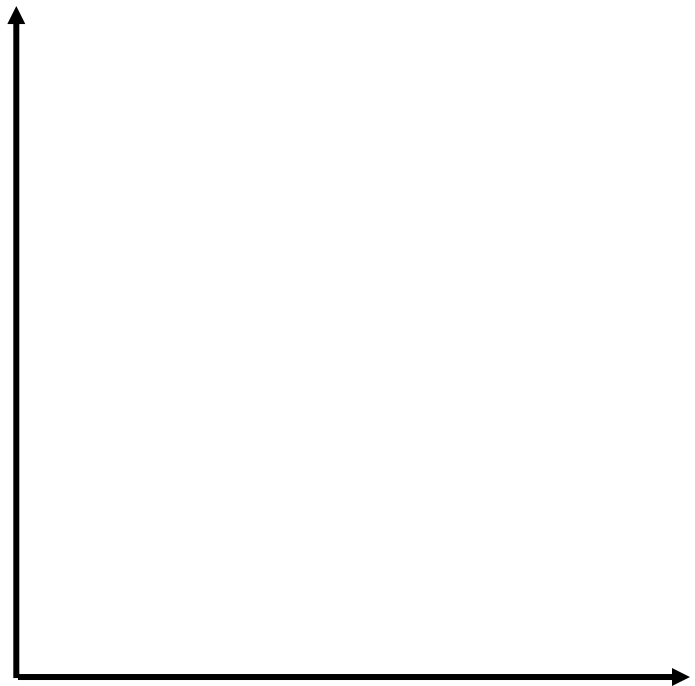
Graphing

The owner of the pet store is keeping track of how many animals he sold each month.

Use the data to create a bar graph.

Then answer the questions.

Month	Number of Animals Sold
January	5
February	9
March	13
April	10
May	9
June	9
July	21
August	4
September	3
October	9
November	6
December	14



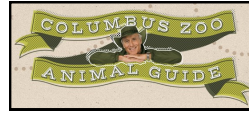
Median? _____

Mode? _____

Maximum? _____

Minimum? _____

Range? _____



DAY 24

Technology &
Science

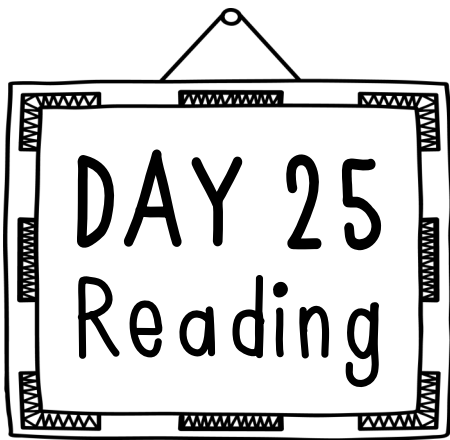
Directions: Visit the Columbus Zoo Animal Guide website. Pick two animals and read the general information, adaptations and behavior, conservation and population, reproduction, and fun facts. In complete sentences, write facts that you learned about each animal. Draw a picture of each animal.

<http://animalguide.columbuszoo.org/guide/>

Columbus Zoo Animal Guide

Animal #1: _____

Animal #2: _____



Directions: Read the following fiction story.
Answer the questions on the next page in
complete sentences.

story excerpt © Avi
questions © 2011 [Teacher's College Reading & Writing Project](#)
Guided Reading Level R

No More Magic by Avi

I just didn't feel like doing anything much for the rest of the day. Mike went out with his friends so I stayed up in my room and played, building a neat castle and fighting a war with the plastic knights my mother had gotten for me. I made one Merlin The Magician. That was Saturday.

The next morning, Sunday, we had our usual family breakfast, about the only time the bunch of us get to sit down and take as long as we want. About halfway through my mother said, "I have an idea."

Now when she or my father says that, that's not what they really mean. It's their way of announcing they've decided something.

"Maybe we should get you another bike," she said. "Mr. Bullen is open on Sundays. I'm sure we could find one."

"What happens if he finds the one he lost?" asked Mike.

"I doubt very much if he will," my father said.

"Mr. Podler said he saw someone with it," I reminded him.

"We all know about Mr. Podler," was my father's answer to that. "Someday I'll tell you about the ghosts he saw in City Hall."

"Don't you want a bike?" my mother asked.

Mike's question was the right one. "What happens if my old one turns up?" I asked.

"We'll worry about that if it happens," suggested my mom. "It's up to you. We can get one if you want."

"If I do get a new one, does that mean I have to stop looking for the old one?" I wanted to know.

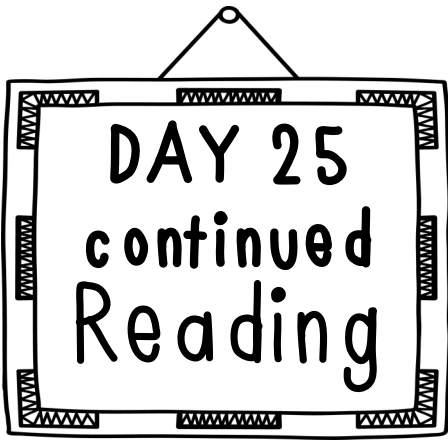
"I don't see much point in looking," said my father. "But if you want to, there's no one saying you can't."

"Okay, I'll get one."

"I'll go with you," Mike said suddenly. "I need some radio parts."

It was eleven when my mother, Mike with his radio parts box, and I got into the car and drove to Mr. Bullen's junk yard a little way out of town.

My mother has always had a particular liking for Mr. Bullen, and since she likes junk, it's not hard to see why. The lot is something kind of hard to describe. It has just about everything in the world piled up in heaps, piled up so much that it's hard to find anything. There are some sections, such as shutters, or bathtubs, but aside from those, you just have to go looking and there are more hiding places there than anywhere else.



Directions: Read the fiction story on the previous page. Answer the following questions in complete sentences.

story excerpt © Avi
questions © 2011 [Teacher's College Reading & Writing Project](#)
Guided Reading Level R

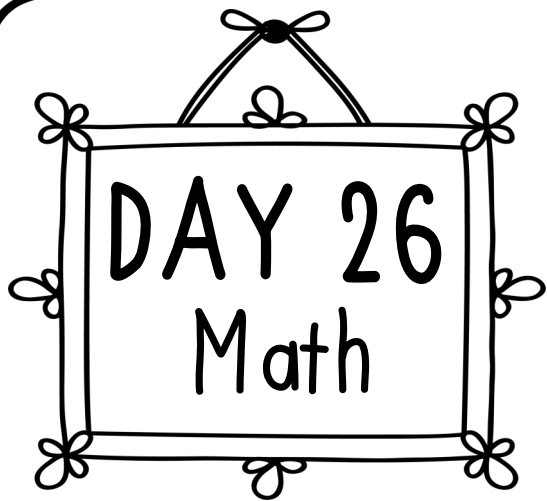
No More Magic by Avi

1. How is the narrator's mom trying to make him feel better?

2. Will Chris stop looking for his old bike when he gets a new one? How do you know?

3. Chris's dad says, "We all know about Mr. Podler...Someday I'll tell you about the ghosts he saw in City Hall." What do you think he means by this?

4. How do you think Chris feels about getting a new bike? What makes you think this?



What's My Rule, Name Collection Boxes, & Open Sentences



Solve each open sentence.

$$67.3 + p = 75.22 \quad p = \underline{\hspace{2cm}}$$

$$6.86 - a = 2.94 \quad a = \underline{\hspace{2cm}}$$

in	in	out
↓	2	
Rule		24
X 6	5	
↓		42
out	9	

in	in	out
↓	9	1
Rule		6
	45	5
↓	63	
out		8

Make six names for 45

45

Insert () to make each number sentence true.

$$8 + 9 \times 2 = 34$$

$$150 \div 2 + 8 = 15$$

$$3.14 + 9 \times 3 = 36.42$$

Solve each open sentence.

$$x + 5.69 = 7.91 \quad x = \underline{\hspace{2cm}}$$

$$4.6 - n = 0.32 \quad n = \underline{\hspace{2cm}}$$



Directions: Look in books or think of words that have the same suffixes. A suffix is added to the end of the word. For example, the suffix "er" is added to the word "speaker." Write the words in each category.

-ness

-ous

-y

-ian

-ful

-ary

-er

-en

-less

-al

-ment

-able

DAY 28

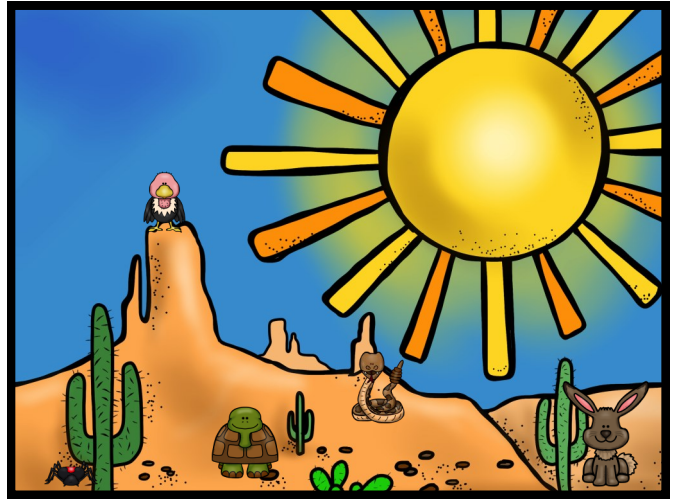
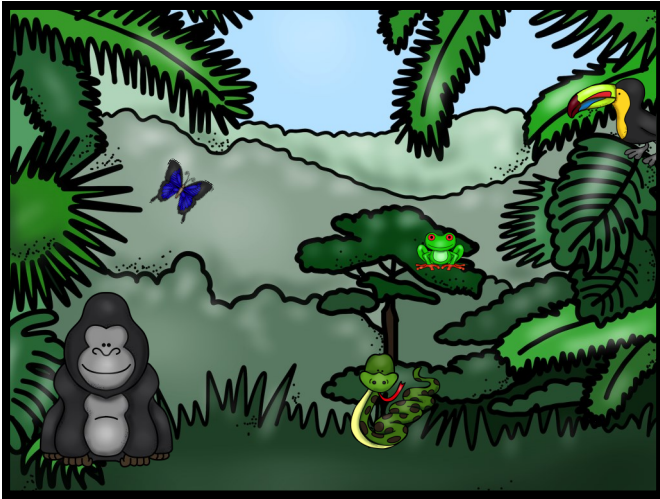
Science

Food Chains

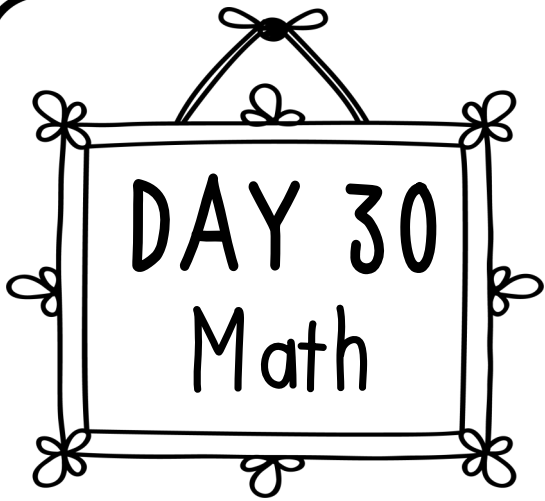
Directions: Draw one food chain for each habitat picture (rainforest and desert).

You may add more animals if you like.

Remember to label your food chain with the sun, a producer, consumer, and decomposer.



Multiplication



$$\begin{array}{r} 72 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ \times 8 \\ \hline \end{array}$$



$$\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

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

$$\begin{array}{r} 0 \\ \times 5 \\ \hline \end{array}$$

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

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

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

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

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 1 \\ \hline \end{array}$$



$$\begin{array}{r} 10 \\ \times 23 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ \times 67 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ \times 79 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ \times 22 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ \times 71 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ \times 22 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ \times 93 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ \times 15 \\ \hline \end{array}$$



$$\begin{array}{r} 851 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 609 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 418 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 655 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 388 \\ \times 7 \\ \hline \end{array}$$



DAY 31

Technology &
Social Studies

Directions: Use the internet to help you find the geography answers. Hint: all of the answers will start with the letters G, H, or I.

Find Geography A-Z worksheets at [Education World](http://EducationWorld.com).
© 2004 by Education World®.

Geography - The Letters G, H, I

Famous 4,000-mile-long manmade structure in China:

Famous site in Arizona, known for its colorful rocks:

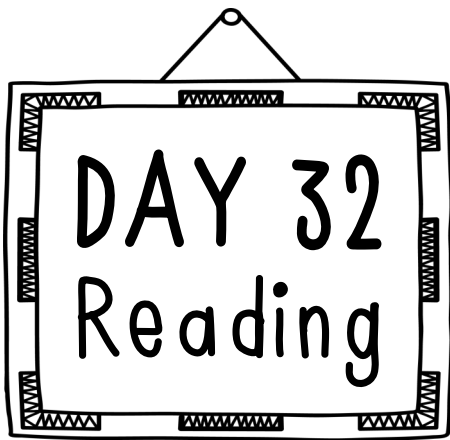
One of the Great Lakes; it borders the U.S. state Michigan:

Capital of the U.S. state Hawaii:

River in China; in English it is called "Yellow River":

Sea that borders the European countries Greece and Italy:

Large city in Turkey:



Directions: Read the following fiction story.
Answer the questions on the next page in
complete sentences.

story excerpt © Lois Lowry
questions © 2011 [Teacher's College Reading & Writing Project](#)
Guided Reading Level S

Taking Care of Terrific by Lois Lowry

I threw down the book I'd been trying to read, stared out of my bedroom window for a while at the tops of the trees, sighed, and picked up my sketch pad. I doodled a few designs: leaves and stems curling around each other, intertwined. Carefully I colored in the leaves with a green marking pen, leaving some white spots for highlights, so that they looked glossy and radiant.

Maybe, I thought glumly, I'd feel better if someone sprinkled me with fertilizer. Plants do.

Once I bought a dumb little jade plant at a street fair. It really needed somebody; it looked crummy and neglected, like an orphan who's never been taken to the zoo.

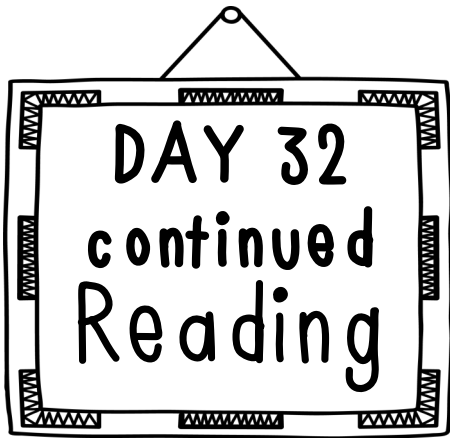
I gave it to my mother on her birthday, and she took over with her little tweezers and tweakers and her bottles of plant food, talking to it: "There, now. This will make you perk up," and eureka, it perked up. Grew. Flourished.

Probably my mother talked like that to me when I was little. She hasn't for a long time, though. My parents chose the Carstairs School because in the catalogue it said, "We encourage independence." (It also said, "We charge fifty-two hundred dollars a year tuition for day students, plus lab fees and books, and our graduates get into the best Ivy League college"; but the thing that hooked my parents was the "We encourage independence.")

Murmuring "There now, this will perk you up" to a fourteen-year-old girl probably does not encourage independence. So that is why my mother says that only to small droopy plants suffering from aphids or root rot. To me, when I look, feel, and am droopy, discouraged, depressed, and practically about to throw myself out of my bedroom window because nothing in my life seems to go the way I want it to, my mother says, "Enid, for heaven's sake, you have to learn to solve your own problems. And it might be a start if you would do something about your hair."

Sometimes I wish I were a philodendron.

If I were a philodendron, I would not be sitting here, a prisoner in my own bedroom, thinking about what happened this summer, scared stiff and super miserable.



Directions: Read the fiction story on the previous page. Answer the following questions in complete sentences.

story excerpt © Lois Lowry
questions © 2011 [Teacher's College Reading & Writing Project](#)
Guided Reading Level S

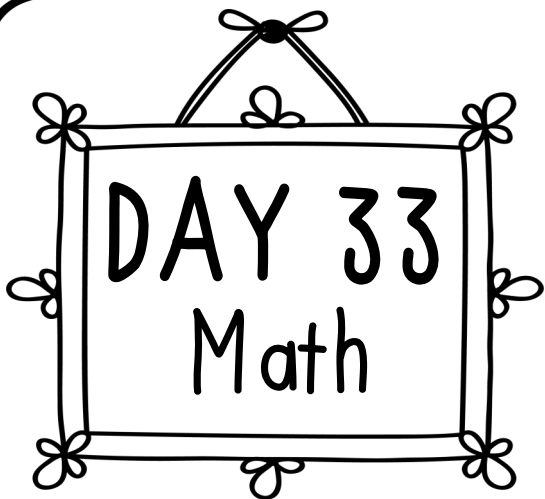
Taking Care of Terrific by Lois Lowry

1. What is Enid comparing herself to in this part of the story?

2. When Enid describes the jade plant she bought she says, "It looked crummy and neglected, like an orphan who's never been taken to the zoo." Who do you think the jade plant is being compared to?

3. How do you think Enid feels about the Carstairs School? How can you tell?

4. How do you think Enid feels about her mother? What makes you think that?



Division



Mental Math

$30 \div 5 =$

$36 \div 4 =$

$1 \div 1 =$

$4 \div 4 =$

$32 \div 8 =$

$30 \div 6 =$

$15 \div 3 =$

$24 \div 6 =$

$35 \div 7 =$

$48 \div 8 =$

$6 \div 6 =$

$10 \div 2 =$

$24 \div 4 =$

$12 \div 4 =$

$36 \div 9 =$

$18 \div 3 =$

$16 \div 4 =$

$49 \div 7 =$

$21 \div 3 =$

$63 \div 7 =$

$9 \div 9 =$



Show Your Work

$3 \overline{)16}$

$5 \overline{)38}$

$7 \overline{)22}$

$7 \overline{)46}$

$4 \overline{)85}$

$2 \overline{)575}$

$8 \overline{)389}$

$3 \overline{)586}$

$6 \overline{)530}$

$7 \overline{)710}$

DAY 34

Language

Directions: Use your knowledge of parts of speech to color the picture according to the color guide.

verb = beige

adverb = blue

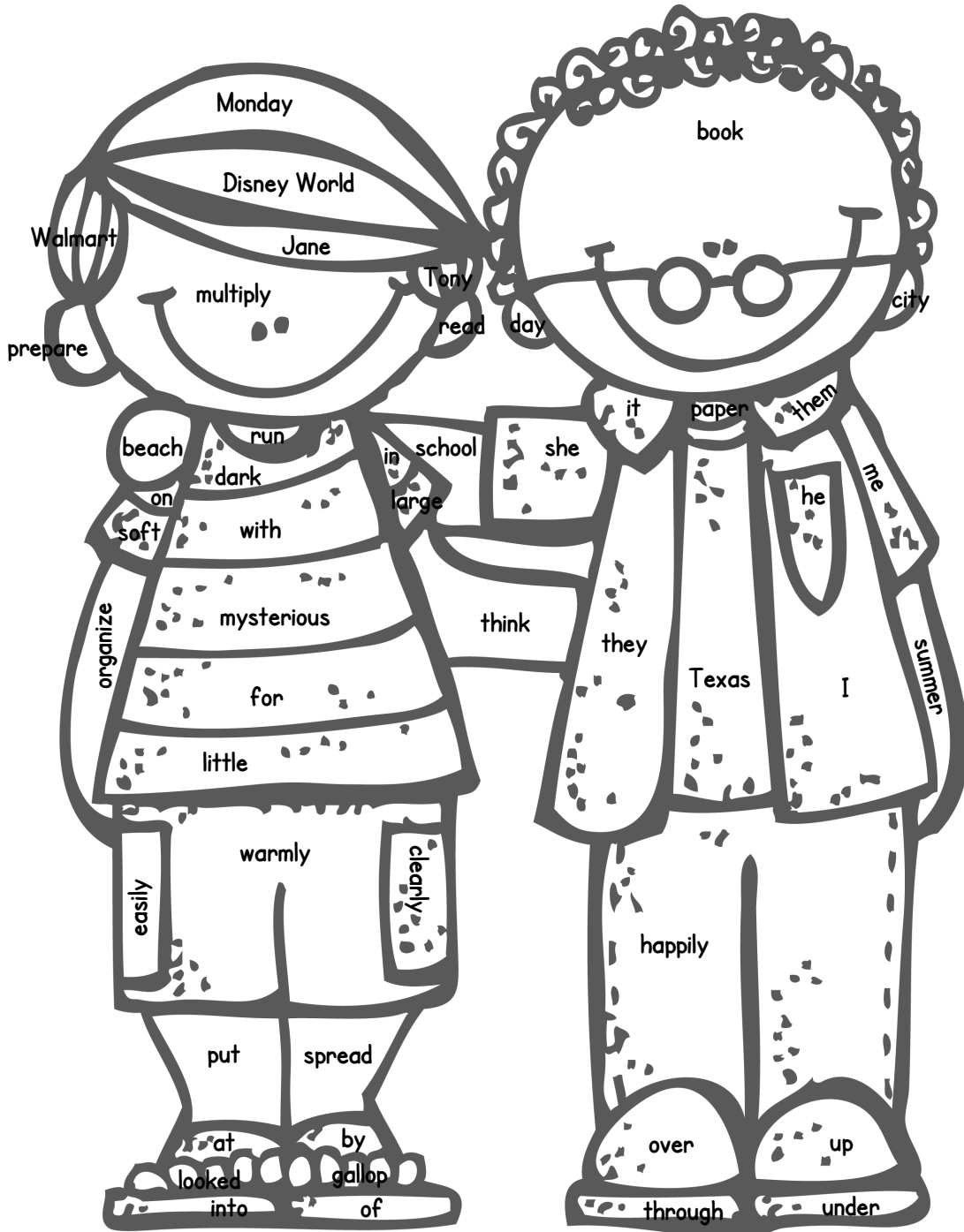
proper noun = orange

preposition = black

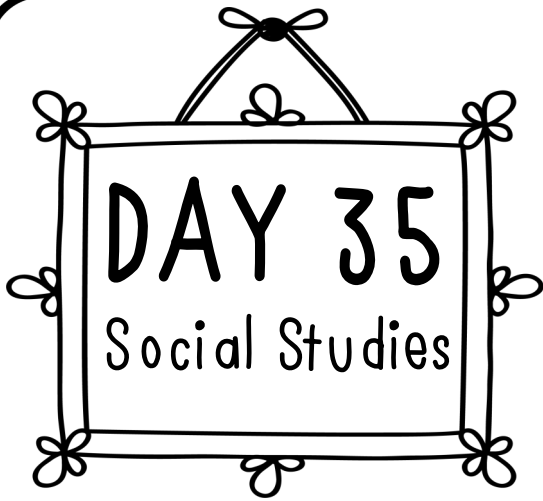
common noun = brown

pronoun = green

adjective = red



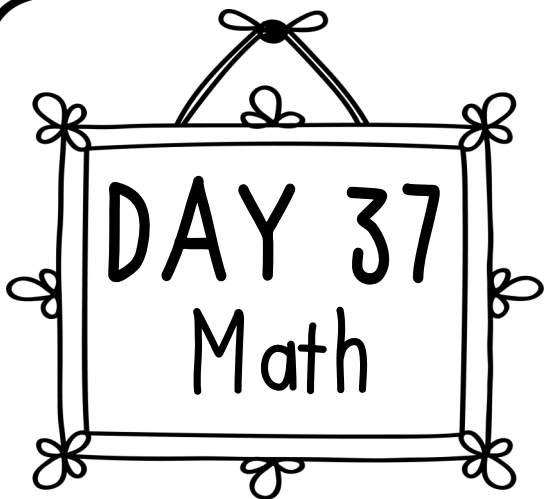
YACZ



Regions

Directions: A region has common geographical characteristics. Learn about and draw examples of each geographical characteristic.

Geographical Characteristic	Definition	Illustration
mountain range	a row of connected mountains	
plain	low-lying stretch of flat or gently rolling land	
coastal plain	low land that lies along an ocean	
plateau	flat land with higher elevation than a plain	
basin	low area surrounded by higher land	
valley	a low piece of land between two hills or mountains	
canyon	a deep, narrow valley with steep sides	
river system	a river and its tributaries	
gulf	part of a sea or ocean that cuts into a mass of land	



Decimals

Write each fraction as a decimal.

$$\frac{4}{10} = \underline{\quad\quad} \quad \frac{8}{100} = \underline{\quad\quad} \quad \frac{32}{100} = \underline{\quad\quad}$$

Write each of the following as a decimal.

$$9 \text{ tenths} = \underline{\quad\quad} \quad 82 \text{ hundredths} = \underline{\quad\quad} \quad 3 \text{ and } 6 \text{ tenths} = \underline{\quad\quad}$$

Write $<$ or $>$.

$$0.24 \underline{\quad} 0.18 \quad 1.04 \underline{\quad} 1.4 \quad 3.2 \underline{\quad} 6.59 \quad 0.13 \underline{\quad} 0.1$$

Put these numbers in order from smallest to largest.

$$0.98, 0.27, 1.8, 0.2 \quad \underline{\quad\quad\quad} \quad \underline{\quad\quad\quad} \quad \underline{\quad\quad\quad} \quad \underline{\quad\quad\quad}$$

smallest largest

$$0.04, 0.2, 0.22, 0.02 \quad \underline{\quad\quad\quad} \quad \underline{\quad\quad\quad} \quad \underline{\quad\quad\quad} \quad \underline{\quad\quad\quad}$$

smallest largest

$$3.9, 0.10, 0.75, 0.6 \quad \underline{\quad\quad\quad} \quad \underline{\quad\quad\quad} \quad \underline{\quad\quad\quad} \quad \underline{\quad\quad\quad}$$

smallest largest

Add or subtract. Show your work.

$$6.32 - 2.5 = \underline{\quad\quad\quad} \quad 0.34 + 7.6 = \underline{\quad\quad\quad} \quad 8.2 - 0.74 = \underline{\quad\quad\quad}$$

DAY 38
Technology &
Social Studies

Directions: Visit the Time for Kids Around the World website. Pick one country and read the sightseeing guide, history timeline, native lingo, challenge, and day in the life articles. In complete sentences, write 5 facts that you learned about that country. Make an illustration of your favorite fact.

<http://www.timeforkids.com/around-the-world>

Time for Kids - Around the World

Country: _____

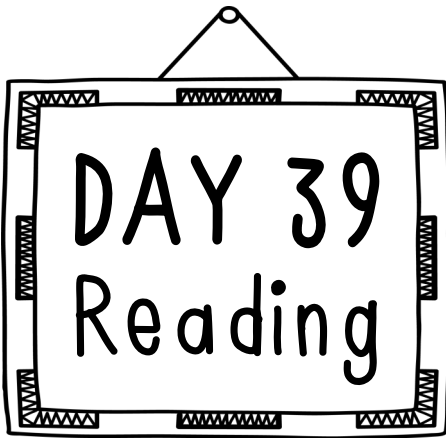
1. _____

2. _____

3. _____

4. _____

5. _____



Directions: Read the following fiction story.
Fill in each blank with the correct word
from the parentheses.

story excerpt © Cynthia Rylant
© 2011 [Teacher's College Reading & Writing Project](#)
Guided Reading Level S

Van Gogh Cafe by Cynthia Rylant

Marc comes out of the kitchen. He is _____ for his watch, which he believes
(look, looks, looking)

he put inside the porcelain hen (her head lifts off), and as he looks around the cafe to smile and

greet _____ customers, Marc suddenly sees _____ elegant man at
(her, his, them) (a, he, the)

the small back table. And unlike everyone else who has remembered his good manners, Marc

_____ what he is doing and stares.
(stopping, stops, stopped)

The man smiles shyly and looks away.

Marc is staring because he knows who this is. He looks around the cafe _____
(too, two, to)

see if anyone else realizes who is among them. No one does. No one remembers this

_____ movies.
(man, man's, mans')

But Marc remembers them all. Marc has _____ all of the old silent
(seen, saw, seeing)

_____ films, the ones with Charles Chaplin and Mary Pickford and Douglas Fairbanks.
(filming, filmed, films)

DAY 40 Math

Measurement

Draw a line that is 3.25 inches.

Draw a line that is $4\frac{1}{2}$ centimeters.

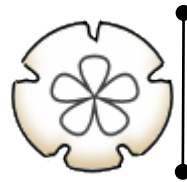
Measure the following objects to the nearest half centimeter.



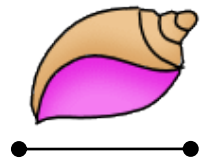
_____ cm



_____ cm



_____ cm



_____ cm

Measure the following objects to the nearest half inch.



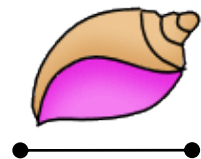
_____ in.



_____ in.



_____ in.



_____ in.

Draw a line that is 4.5 cm long.

Now draw a line that is half the length of the line you just drew. How long is the new line? _____ cm



Directions: The following sentences have many grammar and spelling mistakes. Rewrite the sentences correctly.

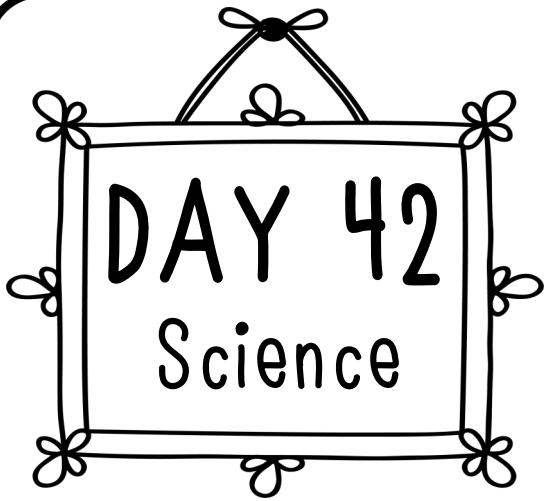
we was studying the planet mars in mrs robinsons class

mr smith said we will go outside for a extra recess at 300 on wednesday

are car haznt worked since last monday

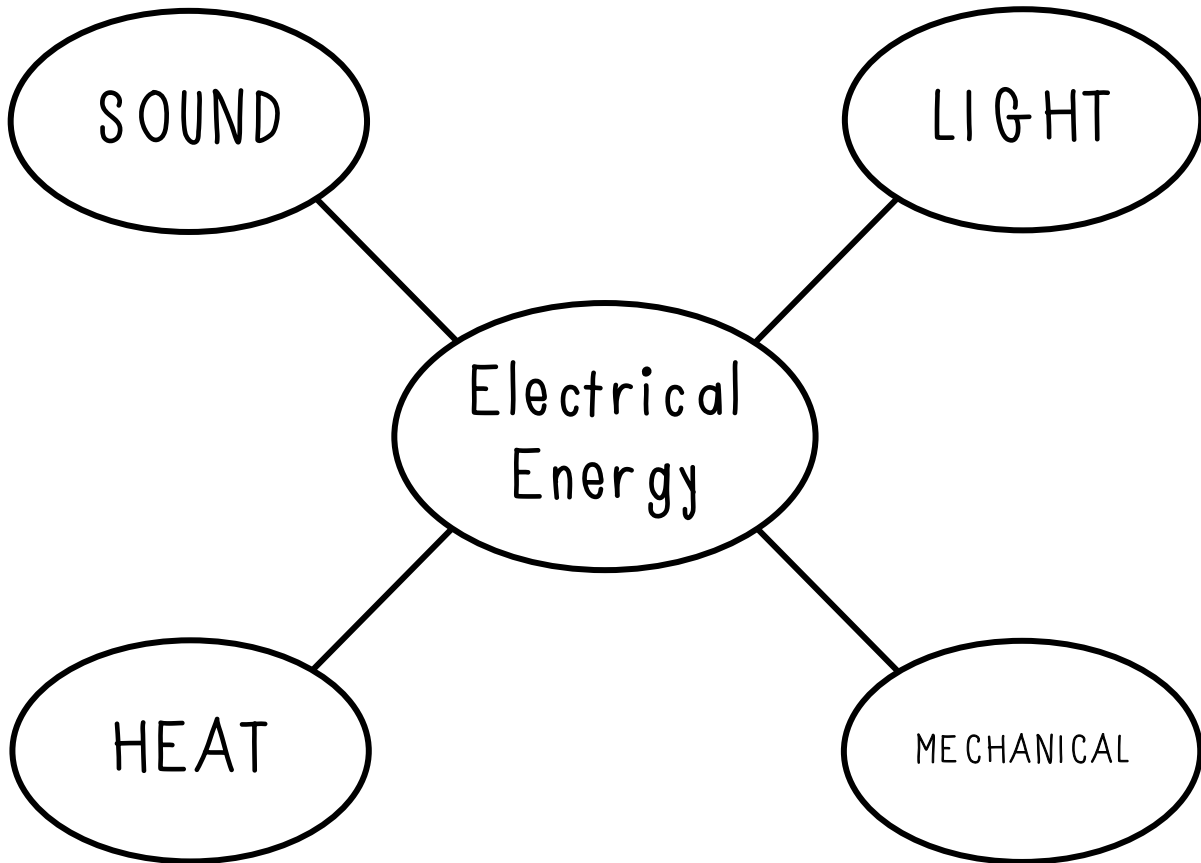
jane sally and tim help there mother plant flowers in the garden!

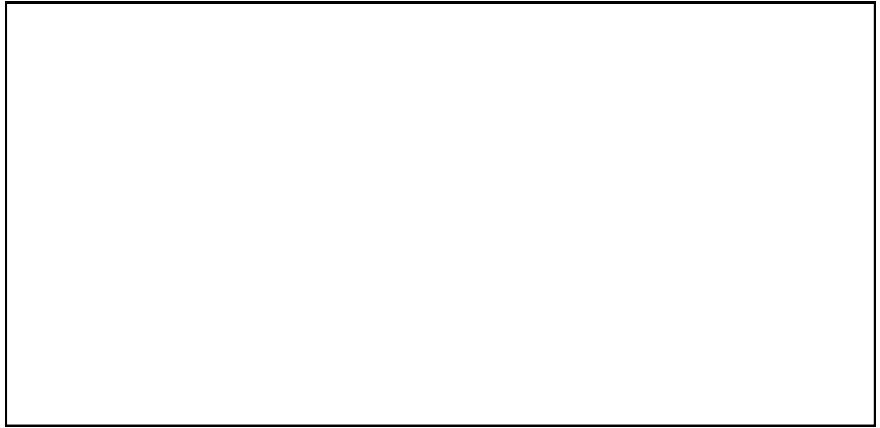
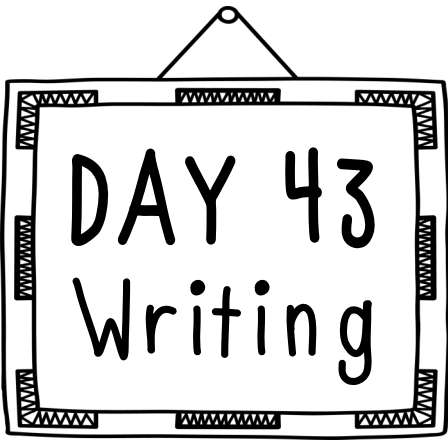
me and her went to the mall and buy lots of clothes



Energy

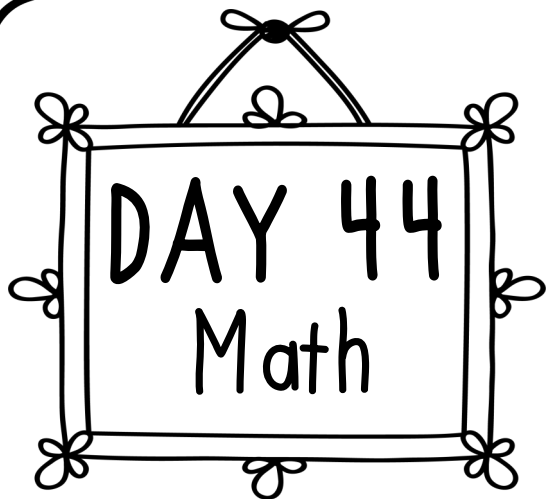
Directions: Complete the web by writing and illustrating examples of each type of electrical energy.





What do you think the world needs now? Why? Draw a picture.
Remember to use your best spelling and grammar.

A series of horizontal lines for writing, consisting of 18 evenly spaced lines that fill the lower two-thirds of the page.



Coordinate Grids & Powers of 10

$10^7 = \underline{\hspace{2cm}}$

$10^4 = \underline{\hspace{2cm}}$

$10^2 = \underline{\hspace{2cm}}$

$10^5 = \underline{\hspace{2cm}}$

$100 = \underline{\hspace{2cm}}$

$10,000 = \underline{\hspace{2cm}}$

Name the ordered pair for each point plotted on the coordinate grid.

A (____, ____)

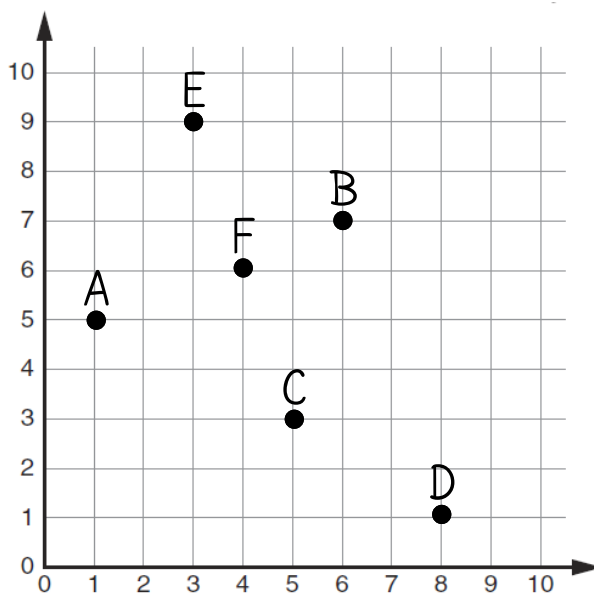
B (____, ____)

C (____, ____)

D (____, ____)

E (____, ____)

F (____, ____)



Use the ordered pairs to plot each point on the coordinate grid.

G (6, 8)

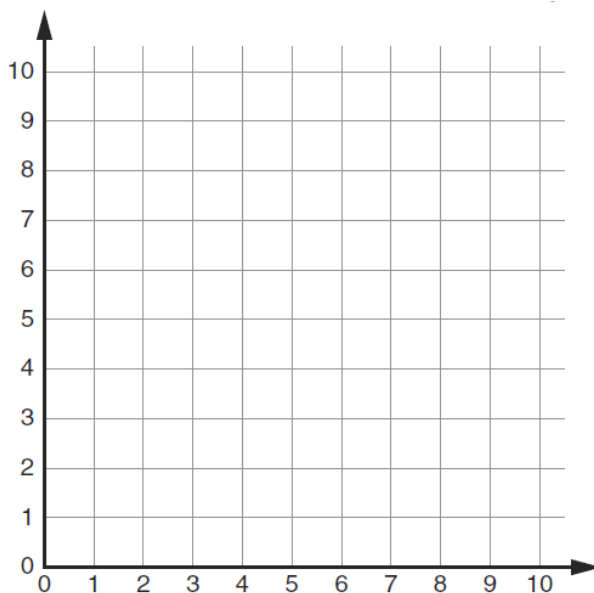
H (1, 2)

I (5, 5)

J (8, 1)

K (10, 2)

L (3, 7)





DAY 45

Technology &
Social Studies

Directions: Use the internet to help you find the geography answers. Hint: all of the answers will start with the letters J, K, or L.

Find Geography A-Z worksheets at [Education World](http://EducationWorld.com).
© 2004 by Education World®.

Geography - The Letters J, K, L

Tokyo is the capital city of this Asian country:

The Dead Sea is located between Israel and this country:

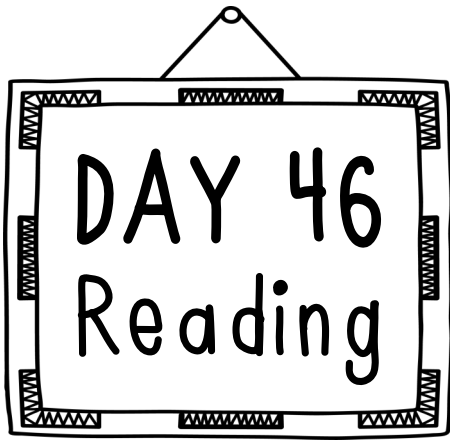
City in Israel holy to Christians, Islamic people, and Jewish people:

Tallest mountain in Africa; in country of Tanzania:

Second largest desert in Africa; partly in Botswana:

Capital city of the South American country Peru:

Capital city of the U.S. state Arkansas:



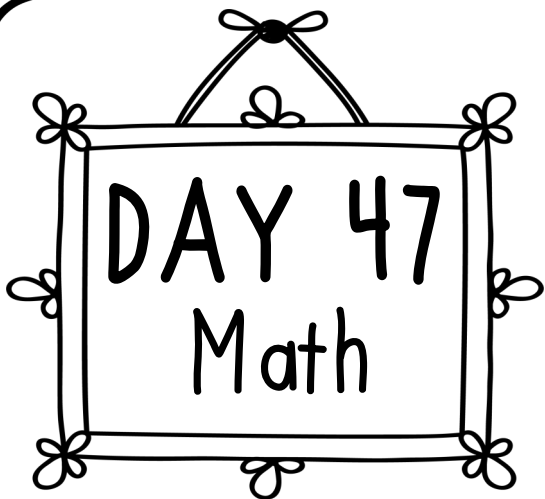
Directions: Pick a nonfiction book that interests you. Determine the main idea of one of the sections by reading the "helpful hints" below and then writing the main idea in one or two complete sentences.

Nonfiction Main Idea

I can determine the main ideas by thinking about what is important in this way:

- Look for a main idea sentence in the paragraph/section or create my own.
- Pay attention to the topic and headings.
- Think about how the information fits together.
- Determine the most important information.
- State the main idea in one or two sentences.

Title of Book: _____ p. _____



Probability



A bag contains: 5 green blocks, 6 red blocks,
1 blue block, and 3 yellow blocks.

You put your hand in the bag and, without looking, pull
out a block. What fraction of the time would you
expect to get a blue block? _____

Write a statement for each probability vocabulary term.

Certain: _____

Unlikely: _____

Impossible: _____

50-50 Chance: _____

Likely: _____

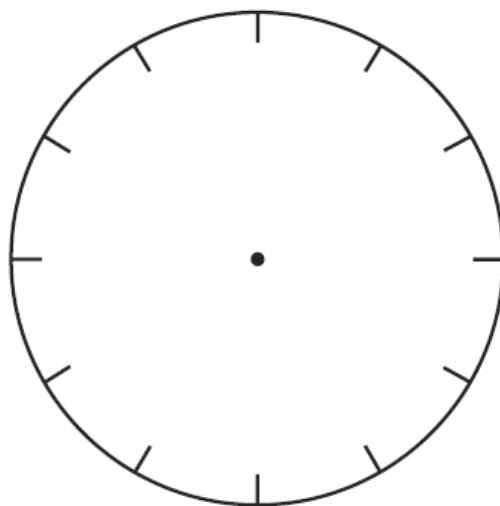
Make a spinner!

Color the spinner so that the paper clip will
land on red about $\frac{1}{2}$ of the time and
blue about $\frac{1}{4}$ of the time.

Color the rest of the spinner yellow.

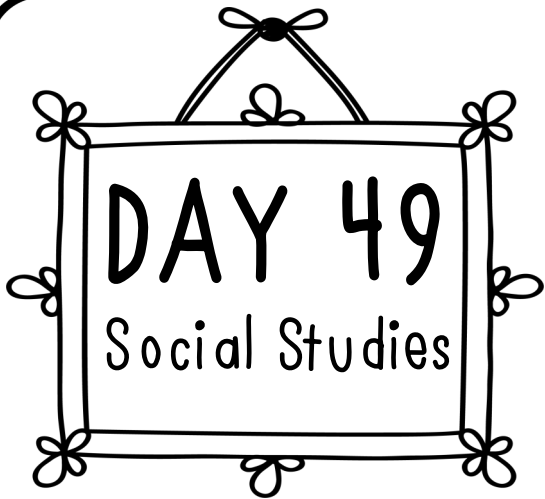
About what fraction of the time will the
spinner land on yellow? _____

If you spin the spinner 200 times how many
times would you expect it to land on blue?

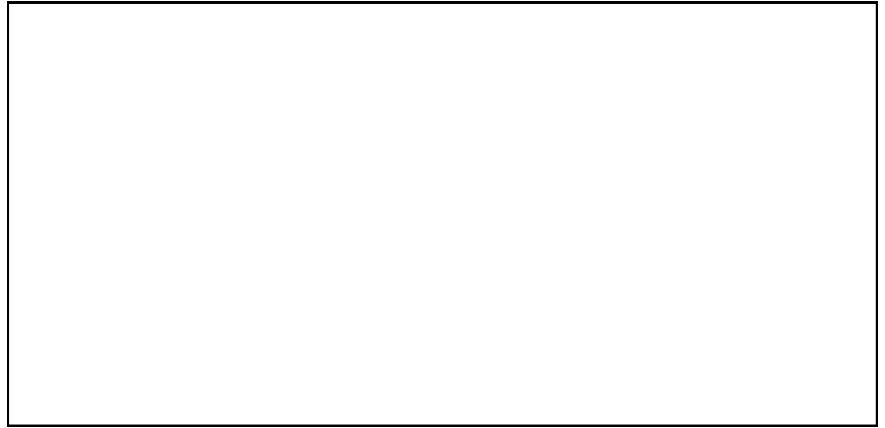
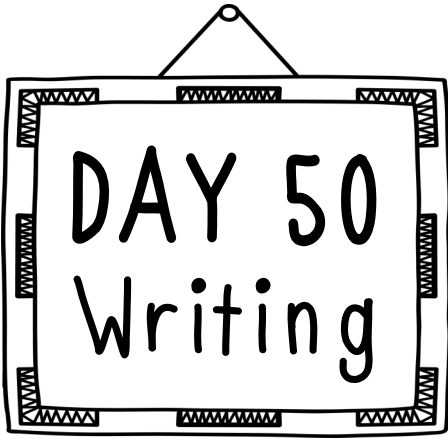


United States Government

Directions: We have many rights as citizens of the United States. Pick two rights, illustrate each right, and explain why having that right is so important.

A large empty rounded rectangular box for drawing an illustration.

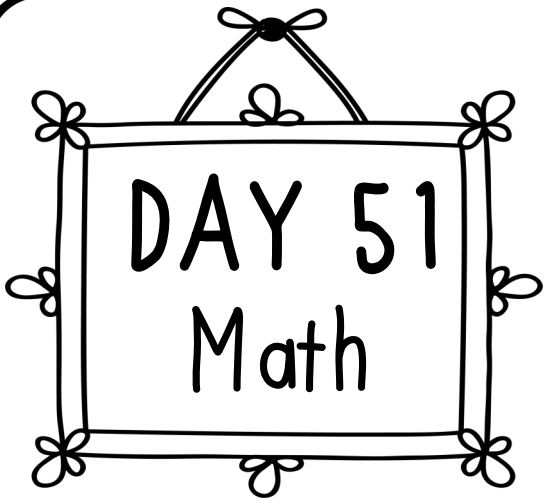
A large empty rounded rectangular box for drawing an illustration.



Write about one adventure you want to have this summer? Draw a picture.
Remember to use your best spelling and grammar.

A series of horizontal lines for writing, consisting of 18 lines.

Multiplication



$$\begin{array}{r} 34 \\ \times 5 \\ \hline \end{array}$$

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

$$\begin{array}{r} 25 \\ \times 4 \\ \hline \end{array}$$



$$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

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

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 7 \\ \hline \end{array}$$

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

$$\begin{array}{r} 0 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 4 \\ \hline \end{array}$$

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

$$\begin{array}{r} 3 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 1 \\ \hline \end{array}$$



$$\begin{array}{r} 72 \\ \times 33 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ \times 63 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ \times 99 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ \times 69 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ \times 21 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ \times 95 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ \times 15 \\ \hline \end{array}$$



$$\begin{array}{r} 352 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 944 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 338 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 355 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 192 \\ \times 7 \\ \hline \end{array}$$



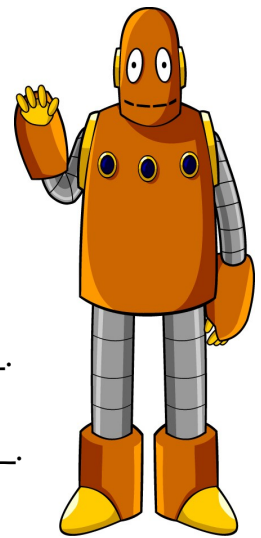
DAY 52

Technology & Science

Directions: Use the internet and watch the BrainPOP video about Nutrition. Answer the questions after you watch the video. (No subscription is needed to watch the Nutrition video)

<http://www.brainpop.com/health/nutrition/nutrition/>

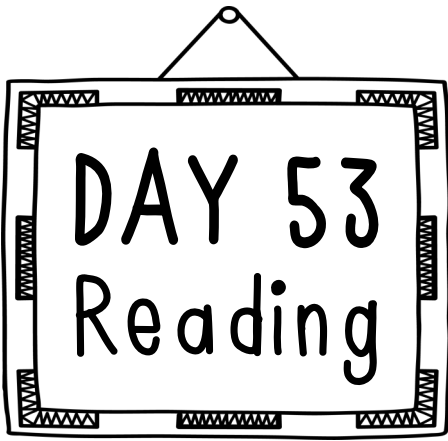
BrainPOP - Nutrition



- Eating healthy is about eating a _____ diet.
- We get our nutrients from eating _____.
- Carbohydrates and fats are used for _____.
- Protein is used for _____.
- What are the food groups? _____

- Name three foods that would belong in the protein food group.

- How can you make your diet more balanced? _____



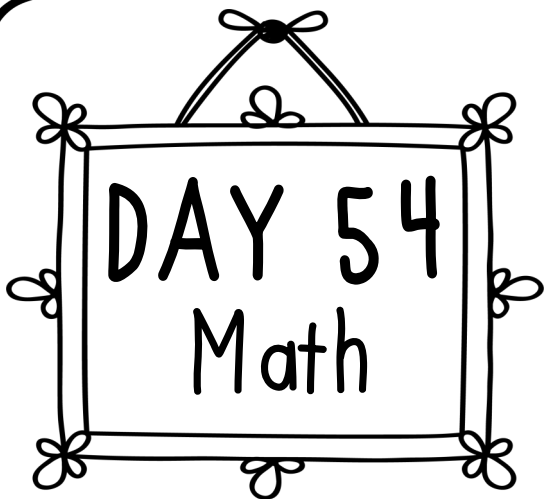
Directions: Compare and contrast poetry and narrative stories. How are they alike?

How are they different?

You can even write examples of your favorite poems and fiction stories.

Poetry

Narrative



Division



Mental Math

$15 \div 3 =$

$14 \div 2 =$

$18 \div 2 =$

$4 \div 1 =$

$40 \div 5 =$

$54 \div 6 =$

$36 \div 6 =$

$40 \div 5 =$

$15 \div 5 =$

$42 \div 6 =$

$72 \div 8 =$

$8 \div 8 =$

$24 \div 8 =$

$35 \div 7 =$

$28 \div 7 =$

$3 \div 1 =$

$24 \div 3 =$

$27 \div 3 =$

$12 \div 6 =$

$16 \div 8 =$

$9 \div 9 =$



Show Your Work

$9 \overline{)37}$

$8 \overline{)60}$

$4 \overline{)63}$

$3 \overline{)22}$

$7 \overline{)79}$

$8 \overline{)619}$

$8 \overline{)782}$

$3 \overline{)849}$

$2 \overline{)675}$

$5 \overline{)438}$



Directions: Circle if the sentence is happening in the past, present, or future.

Circle if the sentence is a fact or an opinion.

1. I will go to the mall tomorrow.

past present future

2. Sally is going to be in trouble if she doesn't finish her homework.

past present future

3. He ran five miles around his neighborhood.

past present future

4. I am reading a great book!

past present future

5. Chocolate chip ice cream is the best ice cream flavor!

fact opinion

6. She is wearing a red dress with pink hearts.

fact opinion

7. Dogs usually eat dog food and cats usually eat cat food.

fact opinion

8. It is better to have a dog as a pet than a cat as a pet.

fact opinion



Energy

Directions: Think back to everything you learned during our science investigations. Think about magnets and circuits and then fill in the following information.

Draw a picture of attracting magnets. Remember to label the poles.

Draw a simple circuit. Label all parts.

List 5 objects that are attracted to magnets.

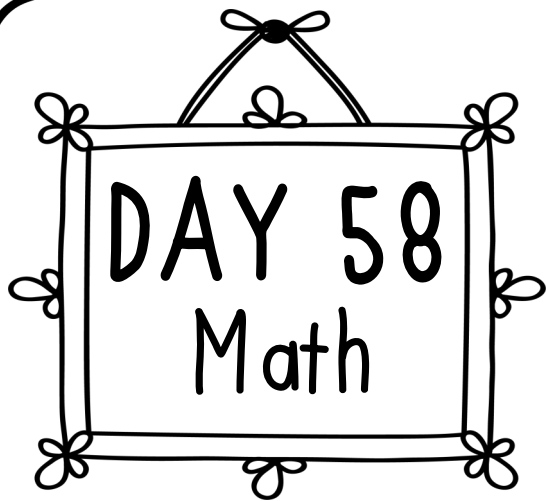
List 3 examples of a source.

List 3 examples of a load.

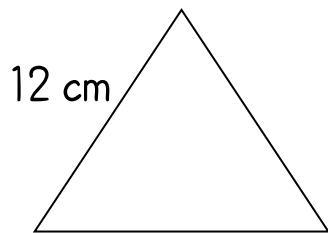
List 5 objects that are not attracted to magnets.

List 3 examples of a path.

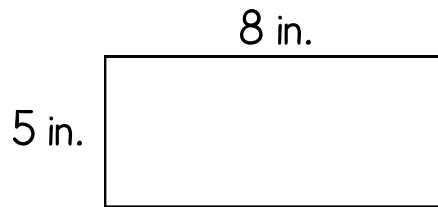
Perimeter



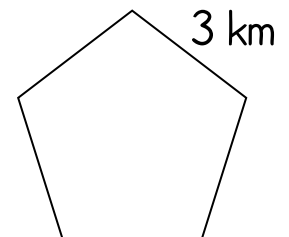
Directions:
Find the perimeter of each shape.
Remember to label the unit.



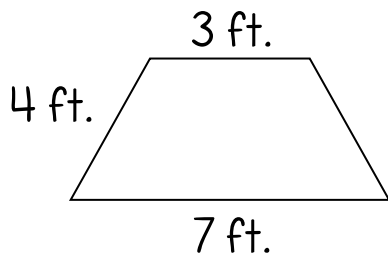
P = _____



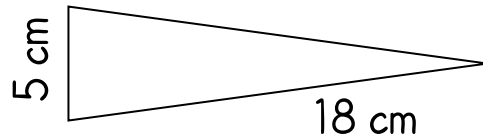
P = _____



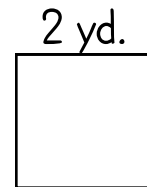
P = _____



P = _____



P = _____



P = _____

Draw a rectangle with a
perimeter of 10 cm.

Draw a rectangle with a
perimeter of 12 cm.



DAY 59

Technology &
Social Studies

Directions: Use the internet to help you find the geography answers. Hint: all of the answers will start with the letters M, N, O, or P.

Find Geography A-Z worksheets at [Education World](http://EducationWorld.com).
© 2004 by Education World®.

Geography - The Letters M, N, O, P

World's highest mountain peak; found in the Himalayan Mountains:

Longest U.S. river; it empties into the Gulf of Mexico:

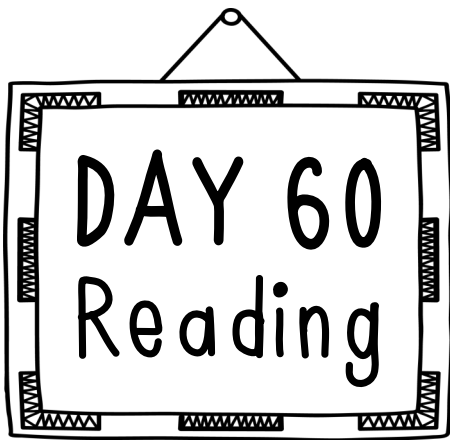
Longest river in the world; it's found in Egypt:

Capital city of the U.S. state Tennessee:

The U.S. state New York borders this Great Lake:

Landlocked South American country:

European mountain chain between the countries Spain and France:



Directions: Read the following fiction story.
Answer the questions on the next page in
complete sentences.

story excerpt © Roald Dahl
questions © 2011 [Teacher's College Reading & Writing Project](#)
Guided Reading Level T

Going Solo by Roald Dahl

I was walking across the grass towards the house and was about twenty yards away when I saw a large green snake go gliding straight up the veranda steps of Fuller's house and in through the open front door. The brilliant yellowy-green skin and its great size made me certain it was a green mamba, a creature almost as deadly as the black mamba, and for a few seconds I was so startled and dumbfounded and horrified that I froze to the spot. Then I pulled myself together and ran round to the back of the house shouting, 'Mr. Fuller! Mr. Fuller!'

Mrs. Fuller popped her head out of an upstairs window. 'What on earth's the matter?' she said.

'You've got a large green mamba in your front room!' I shouted. 'I saw it go up the veranda steps and right in through the door!'

'Fred!' Mrs. Fuller shouted, turning round. 'Fred! Come here!'

Freddy Fuller's round red face appeared at the window beside his wife.

'What's up?' he asked.

'There's a green mamba in your living-room!' I shouted.

Without hesitation and without wasting time with more questions, he said to me, 'Stay there. I'm going to lower the children down to you one at a time.' He was completely cool and unruffled. He didn't even raise his voice.

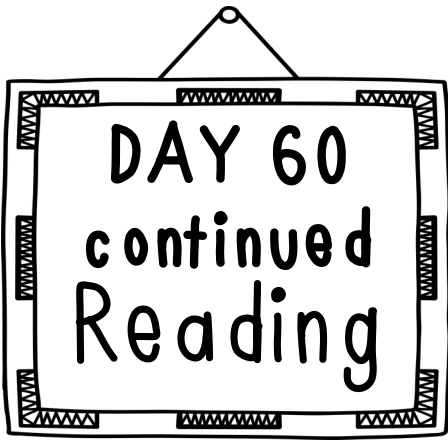
A small girl was lowered down to me by her wrists and I was able to catch her easily by the legs. Then came a small boy. Then Freddy Fuller lowered his wife and I caught her by the waist and put her on the ground. Then came Fuller himself. He hung by his hands from the window-sill and when he let go he landed neatly on his two feet.

We stood in a little group on the grass at the back of the house and I told Fuller exactly what I had seen.

The mother was holding the two children by the hand, one on each side of her. They didn't seem to be particularly alarmed.

'What happens now?' I asked.

'Go down to the road, all of you,' Fuller said. 'I'm off to fetch the snake-man.'



Directions: Read the fiction story on the previous page. Answer the following questions in complete sentences.

story excerpt © Roald Dahl
questions © 2011 [Teacher's College Reading & Writing Project](#)
Guided Reading Level T

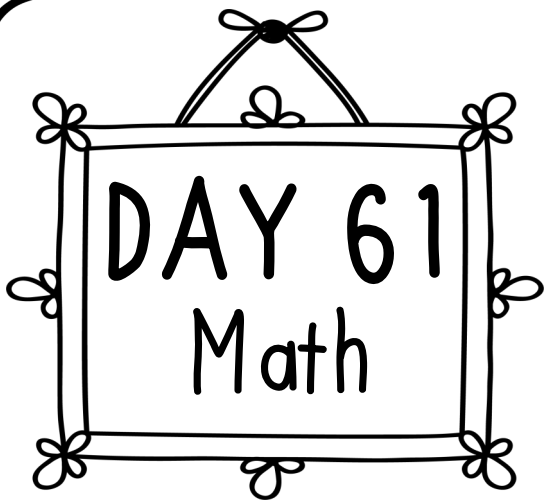
Going Solo by Roald Dahl

1. What is the problem in this passage?

2. How did Roald help the Fuller family?

3. "I saw a large green snake go gliding straight up the veranda steps of Fuller's house and in through the open front door." In this text the snake is gliding through the veranda steps. What does that mean?

4. Why didn't Fuller or his family react in a panic to what they were told?

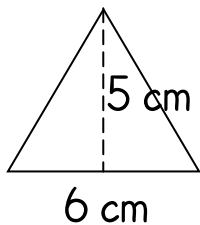


Area

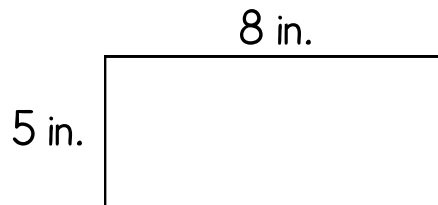
Directions: Find the area of each shape.
Remember to label the unit.

$A = b \times h$ OR $A = l \times w$

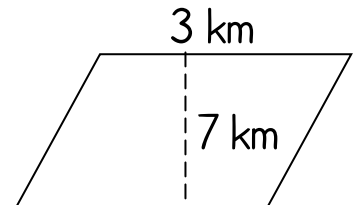
Area of a triangle = $\frac{1}{2}(b \times h)$



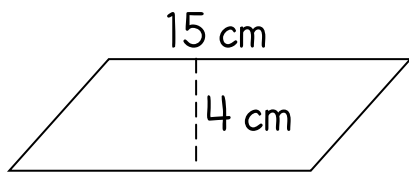
$A = \underline{\hspace{2cm}}$



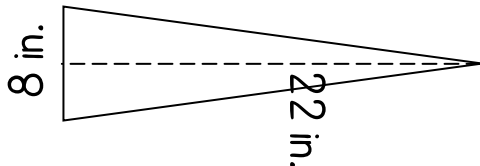
$A = \underline{\hspace{2cm}}$



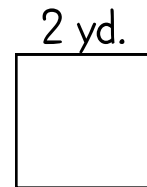
$A = \underline{\hspace{2cm}}$



$A = \underline{\hspace{2cm}}$



$A = \underline{\hspace{2cm}}$



$A = \underline{\hspace{2cm}}$

Draw a rectangle with a perimeter of 10 cm^2 .

Draw a rectangle with a perimeter of 20 cm^2 .



Directions: Read the paragraph and decide if the underlined parts have a **capitalization error**, a **punctuation error**, a **spelling error**, or **no mistake**.

Barack Obama was born on August 4 1961. He is the 44th
1 2
president of the United States. He was born in Honolulu, Hawaii. He
3 4
graduated from columbia University and Harvard Law School. President
5
Obama is married to Michelle Obama and they have to daughters.
6

1. _____

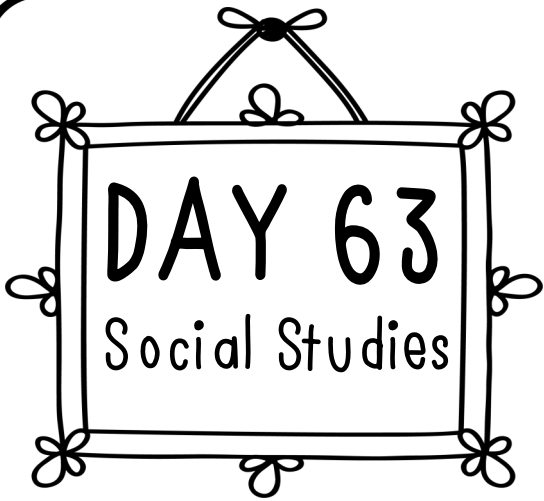
2. _____

3. _____

4. _____

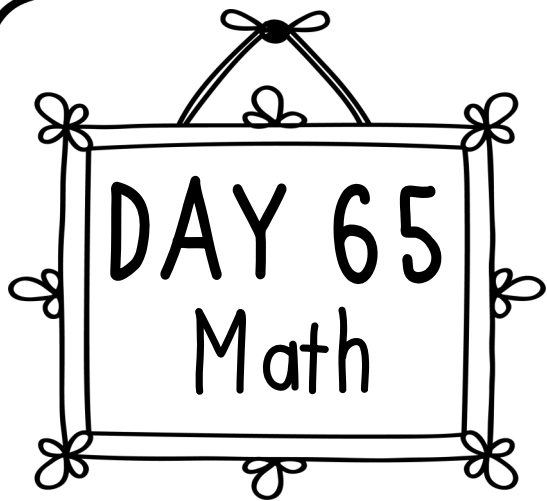
5. _____

6. _____



Economics

Directions: You are an entrepreneur! Think about what type of business you want to start. Why do you want to start this business? What are the things you will need? Draw a picture of your "dream" business. Write down the steps you must take to become a successful entrepreneur.



Fractions, Decimals, & Percents



Complete the table with equivalent names.

$\frac{1}{2}$ of 50 = _____

$\frac{2}{3}$ of 30 = _____

$\frac{4}{6}$ of 36 = _____

25% of 100 = _____

10% of 40 = _____

75% of 24 = _____

You buy a toy for \$50.
You have a coupon for a
10% discount.

How much will you save?

How much will the toy cost?

Fraction	Decimal	Percent
	0.36	
		10%
$\frac{1}{2}$		
	0.02	
		75%
$\frac{1}{4}$		
	0.9	
		100%
$\frac{3}{10}$		
	0.82	
		162%

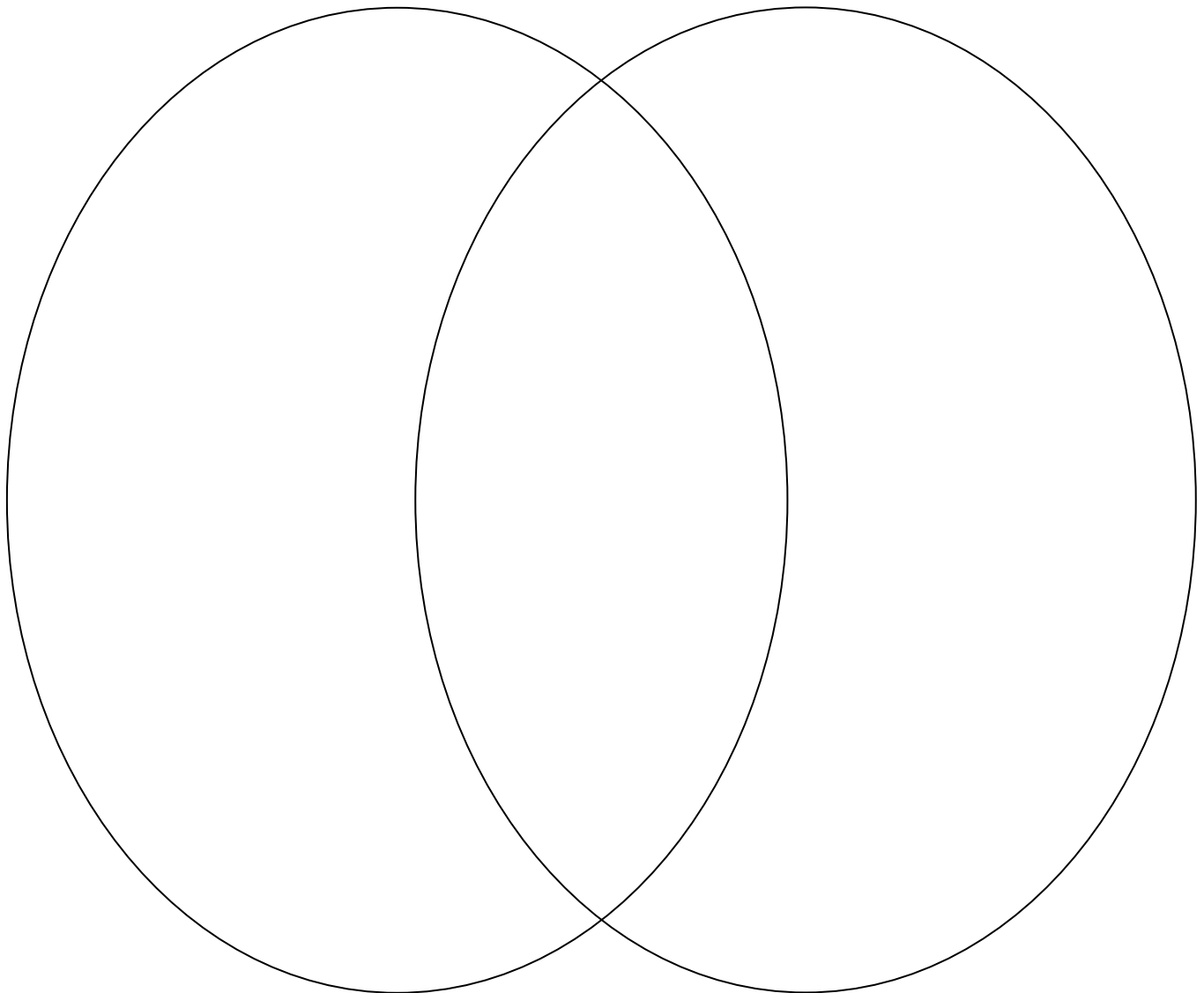
DAY 66

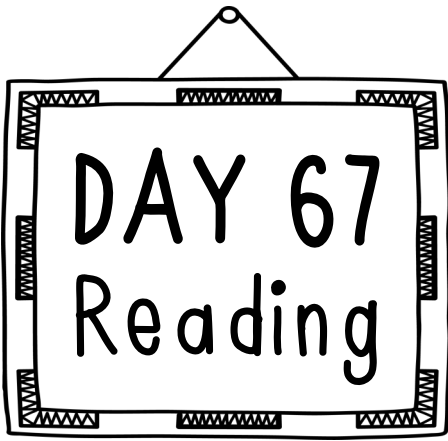
Technology &
Social Studies

Directions: Visit the Time for Kids Around the World website. Pick two countries and read the sightseeing guide, history timeline, native lingo, challenge, and day in the life articles. Compare and contrast the two countries using a Venn diagram.

<http://www.timeforkids.com/around-the-world>

Time for Kids - Around the World





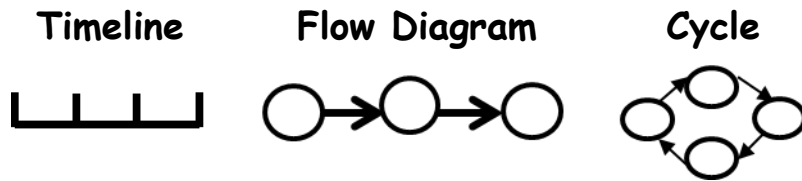
Directions: Read the nonfiction text excerpt on the following page. It is a wonderful example of chronological nonfiction text. After you read it, create a timeline, flow diagram, or cycle to organize the information.

text excerpt © Oceans by Peter Benoit (Scholastic 2011)

Chronological Nonfiction Text

I can recognize and organize chronological nonfiction text.

- Chronological nonfiction text provides information in the order in which it happens.
- Key words include first, then, next, last, after, later, and finally.
- It can be organized using a timeline, a flow diagram, or a cycle:



Create a timeline, flow diagram, or cycle to organize the information.

DAY 67
continued
Reading

Directions: Read the nonfiction text excerpt on the this page. It is a wonderful example of chronological nonfiction text. After you read it, create a timeline, flow diagram, or cycle on the previous page.

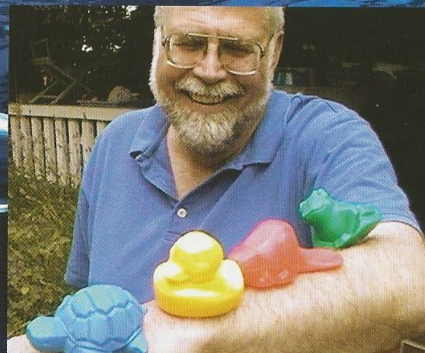
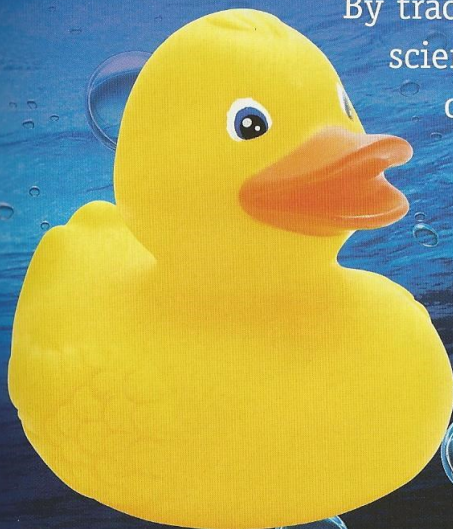
text excerpt © Oceans by Peter Benoit (Scholastic 2011)

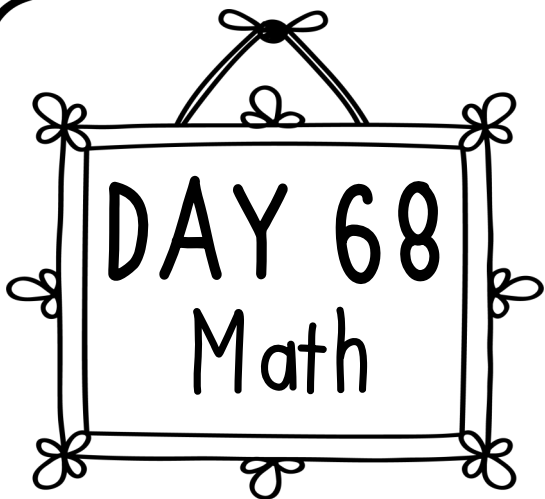
Duck!

On January 10, 1992, a ship in the North Pacific lost a dozen containers in a storm. One container held thousands of yellow rubber ducks and other plastic toys. Ten months later, a wave of the toys washed up in Alaska. In 1996, more appeared in Washington State. Others circled back to Japan. Some even drifted to New England and Europe.

By tracking where the toys landed, scientists learned a lot about ocean circulation.

Curt Ebbesmeyer tracked the plastic toys as they washed up on shores around the world.





Scale

Scale: $\frac{1}{2}$ cm = 5 meters
Draw a line that is 25 meters.

Scale: 1 cm = 5 meters
Draw a rectangle that is 45 meters
by 30 meters.

Scale: 1 cm = 10 meters
Draw a rectangle that is 60 meters
by 25 meters.

Scale: 1 inch = 10 yards
Draw a rectangle that is 30 yards
by 10 yards.

Scale: $\frac{1}{2}$ inch = 10 yards
Draw a rectangle that is 50 yards
by 30 yards.



Analogy = a similarity between like features of two things.

Antonym = a word opposite in meaning to another

Synonym = a word having the same meaning as another

Complete the analogies.

1. up : down :: hot : _____

2. blue : sky :: green : _____

3. leg : pants :: arm : _____

4. eyes : see :: ears : _____

5. fur : cats :: scales : _____

Synonyms or Antonyms?

1. easy, simple _____

2. above, below _____

3. poor, rich _____

4. false, untrue _____

1. Write a synonym for **best**: _____

2. Write a synonym for **happen**: _____

3. Write a synonym for **strong**: _____

4. Write a antonym for **different**: _____

5. Write a antonym for **begin**: _____

DAY 70
Science

Matter

Draw examples of solids and liquids.

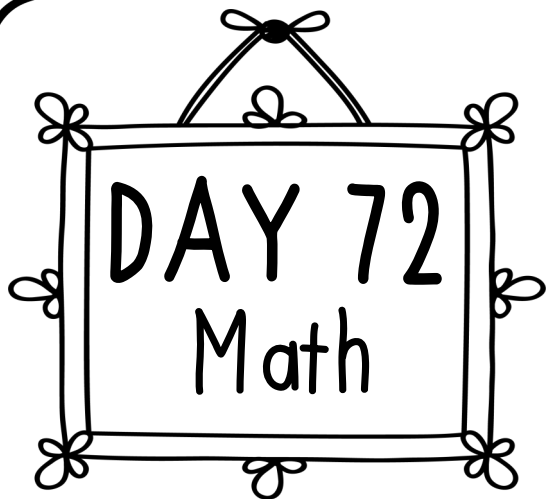


Draw how the atoms look inside a solid.

Draw how the atoms look inside a liquid.

List facts about solids.

List facts about liquids.



Decimal Multiplication & Division

$$23 \times 7.3 = 1679$$

$$6.91 \times 82 = 56662$$

$$0.38 \times 51 = 1938$$

$$43.8 \div 3 = 146$$

$$4.35 \div 5 = 87$$

$$6.46 \div 4 = 1615$$

$$2.96 \div 8 = 37$$

$$298.92 \div 6 = 4982$$

$$89.6 \div 4 = 224$$



$$16.7 \times 5 = \underline{\hspace{2cm}}$$

$$934.6 \times 9 = \underline{\hspace{2cm}}$$

$$253.8 \div 6 = \underline{\hspace{2cm}}$$

$$36.5 \div 5 = \underline{\hspace{2cm}}$$



DAY 73

Technology &
Social Studies

Directions: Use the internet to help you find the geography answers. Hint: all of the answers will start with the letters Q, R, S, or T.

Find Geography A-Z worksheets at [Education World](http://EducationWorld.com).
© 2004 by Education World®.

Geography - The Letters Q, R, S, T

Large city on the coast of Brazil:

Capital of the U.S. state North Carolina:

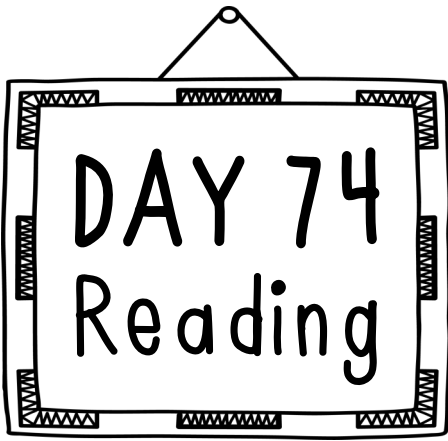
Large city on the coast of Brazil:

Largest desert in the world; located in Africa:

European country that borders both Portugal and France:

Sea off the coast of Italy:

Capital city of the U.S. state Florida:



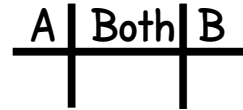
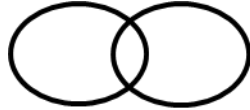
Directions: Read the nonfiction text excerpt on the following page. It is a wonderful example of comparison nonfiction text. After you read it, create a Venn diagram or a 3-column chart to organize the information.

text excerpt © Oceans by Peter Benoit (Scholastic 2011)

Comparison Nonfiction Text

I can recognize and organize comparison nonfiction text.

- Comparison nonfiction text tells how two things are the same and how they are different.
- Key words include both, same, different, like, unlike, either, and as well as.
- It can be organized using a Venn diagram or a 3-column chart:



Create a Venn diagram or a 3-column chart to organize the information.

DAY 74 continued Reading

Directions: Read the nonfiction text excerpt on the this page. It is a wonderful example of comparison nonfiction text. After you read it, create a Venn diagram or a 3-colum chart on the previous page.

text excerpt © Oceans by Peter Benoit (Scholastic 2011)

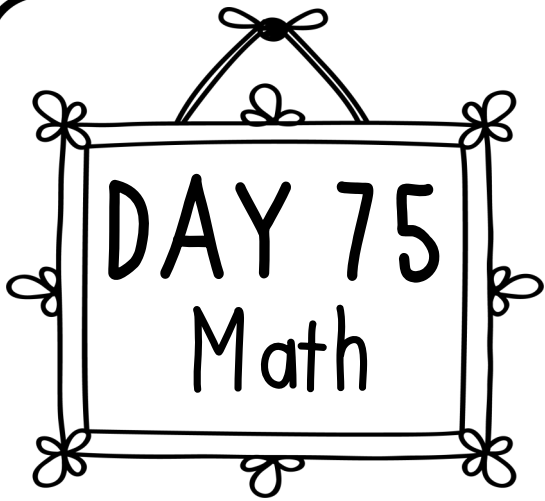
Sharks on the Hunt

More than 400 species of sharks live in Earth's oceans. Some are very small, such as the 8-inch (20-centimeter) deepwater dogfish shark. Others, like the 60-foot (18 m) whale shark, are gigantic. Even though whale sharks are huge, they only eat tiny plankton. Other sharks, such as the great white and the hammerhead, are dangerous hunters with sharp teeth. They eat seals, dolphins, and even other sharks.

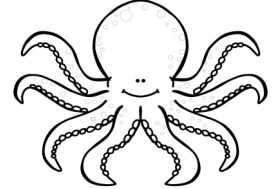
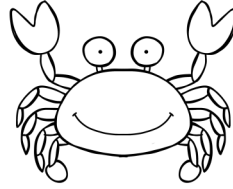
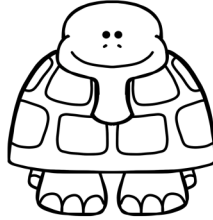
Sharks sink if they
stop swimming.



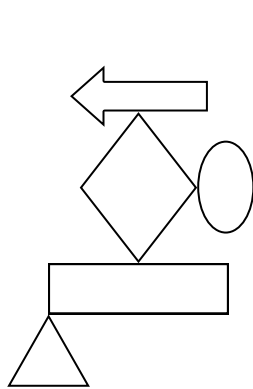
Symmetry & Patterns



Draw the line of symmetry for each picture.



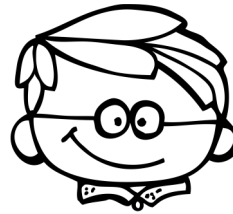
Draw the image of the figure that is shown on the left of the line of reflection.



preimage



image



preimage



image

Draw an example of a reflection.

Draw an example of a translation.

Draw an example of a rotation.



Simile = when two things are compared using the words "like" or "as"

Metaphor = when two things are compared without using the words "like" or "as"

Tell if the sentence contains a simile or metaphor.

1. She is as sweet as candy. _____
2. He has a heart of stone. _____
3. Her eyes twinkled like stars. _____
4. He is as busy as a bee. _____
5. Your friend is such a baby! _____

Tell what the underlined figure of speech means.

1. She eats like a bird.

2. My mother always says that I am driving her up a wall.

3. It has been raining cats and dogs.

4. He ran faster than a speeding bullet.

Geography



Directions: Identify if each place is a **continent**, **country**, or **state**.

1. Asia _____

2. Montana _____

3. Australia _____

4. France _____

5. Canada _____

6. Egypt _____

7. Michigan _____

8. Florida _____

9. North America _____

10. India _____

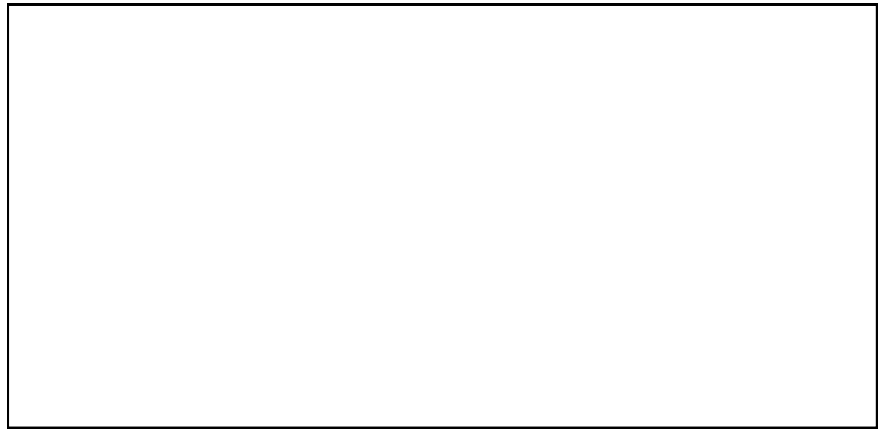
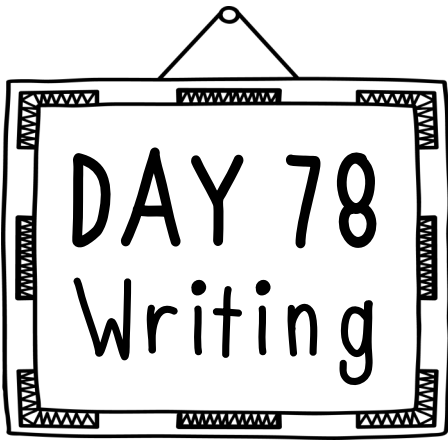
11. South Africa _____

12. Turkey _____

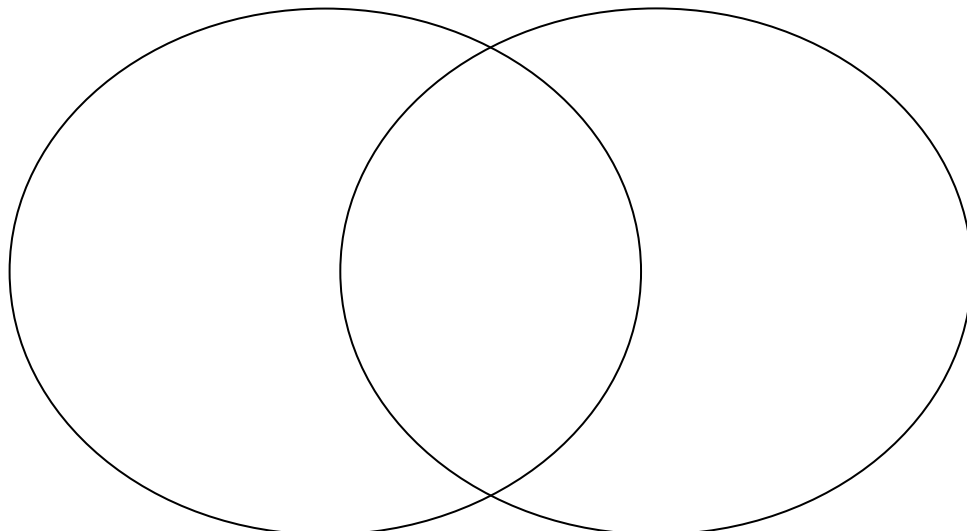
13. Colorado _____

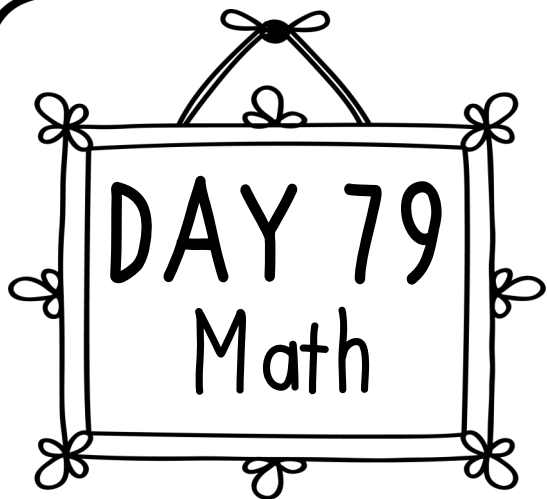
14. Argentina _____

15. Europe _____



Write a five sentence comparative essay comparing your two favorite animals.
Use the Venn diagram to help you brainstorm. Draw a picture.
Remember to use your best spelling and grammar.





Positive and Negative Numbers Addition & Subtraction

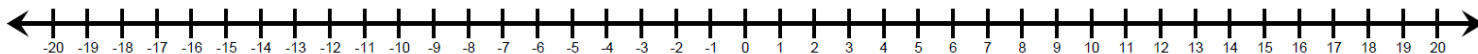
First number - tells you where to start

Addition sign - face the positives

Subtraction sign - face the negatives

Second number is positive - walk forward

Second number is negative - walk backward



$$-5 + 2 = \underline{\hspace{2cm}}$$

$$-5 - 2 = \underline{\hspace{2cm}}$$

$$14 + (-8) = \underline{\hspace{2cm}}$$

$$14 - (-8) = \underline{\hspace{2cm}}$$

$$-10 + 8 = \underline{\hspace{2cm}}$$

$$-10 - 8 = \underline{\hspace{2cm}}$$

$$-5 + (-13) = \underline{\hspace{2cm}}$$

$$-5 - (-13) = \underline{\hspace{2cm}}$$

$$-20 + 9 = \underline{\hspace{2cm}}$$

$$-20 - 9 = \underline{\hspace{2cm}}$$

$$6 + (-6) = \underline{\hspace{2cm}}$$

$$6 - (-6) = \underline{\hspace{2cm}}$$

$$-4 + 9 = \underline{\hspace{2cm}}$$

$$-4 - 9 = \underline{\hspace{2cm}}$$

$$7 + (-13) = \underline{\hspace{2cm}}$$

$$7 - (-13) = \underline{\hspace{2cm}}$$

$$-2 + (-2) = \underline{\hspace{2cm}}$$

$$-2 - (-2) = \underline{\hspace{2cm}}$$

$$-12 + (-7) = \underline{\hspace{2cm}}$$

$$-12 - (-7) = \underline{\hspace{2cm}}$$

$$6 + (-8) = \underline{\hspace{2cm}}$$

$$6 - (-8) = \underline{\hspace{2cm}}$$



DAY 80

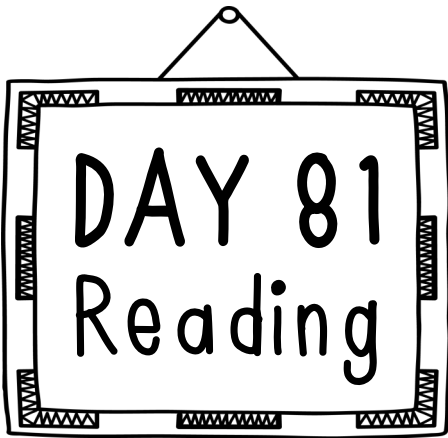
Technology & Word Work

Directions: Create a list of 10 unknown words. Use an online dictionary and write the definition of each word.

Online dictionary: <http://www.wordcentral.com/>

What does it mean?

Word	Definition



Directions: Read the nonfiction text excerpt on the following page. It is a wonderful example of cause and effect nonfiction text. After you read it, create a cause/effect map to organize the information .

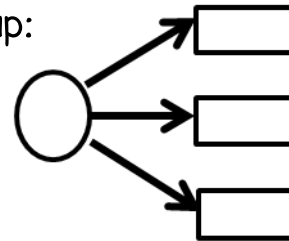
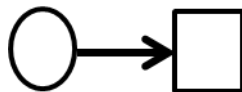
text excerpt © Oceans by Peter Benoit (Scholastic 2011)

Cause and Effect Nonfiction Text

I can recognize and organize cause and effect nonfiction text.

- Cause and effect nonfiction text tells what causes something to happen.
- Key words include caused by, effect, reason, because, and as a result.
- It can be organized using a cause and effect map:

**Cause/Effect
Maps**



Create a cause/effect map to organize the information .

DAY 81
continued
Reading

Directions: Read the nonfiction text excerpt on the this page. It is a wonderful example of cause and effect nonfiction text. After you read it, create a cause and effect map on the previous page.

text excerpt © Oceans by Peter Benoit (Scholastic 2011)

CHAPTER

4

A World in Motion

The ocean is never at rest. Its waves, tides, and currents shape coastlines and influence wildlife. They also have a powerful effect on Earth's climate.

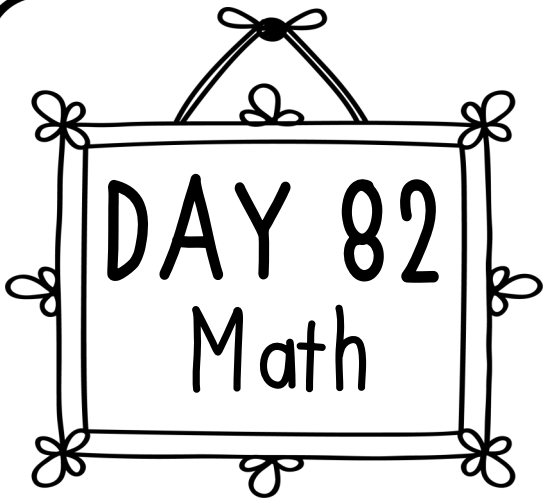
Waves result from winds blowing over the ocean surface. Faster winds mean bigger waves. Other factors such as how long the wind has blown and water depth also play a part in the formation of waves.



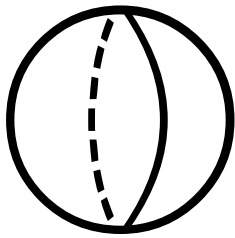
Surfing is an ancient sport among Pacific Island peoples.

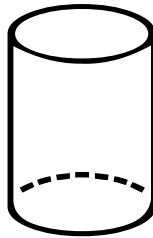
Geometric Solids & Volume

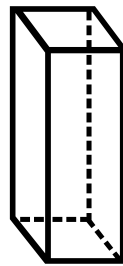
Draw an example of a cone.

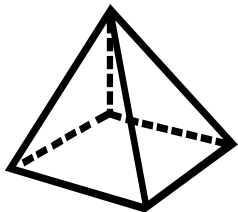


Name the geometric solid.

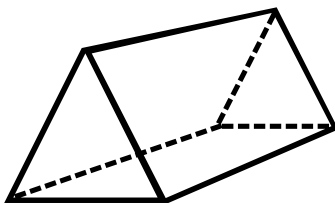




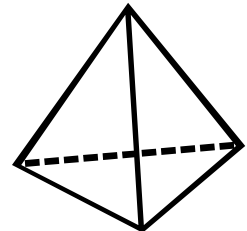




How many faces?

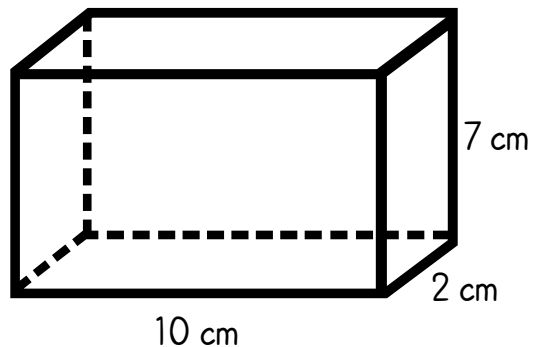


How many vertices?



How many edges?

What is the volume of the rectangular prism?
Volume = $B * h$





Directions: The following sentences have many grammar and spelling mistakes. Rewrite the sentences correctly.

after we stay up all night we need a our nap

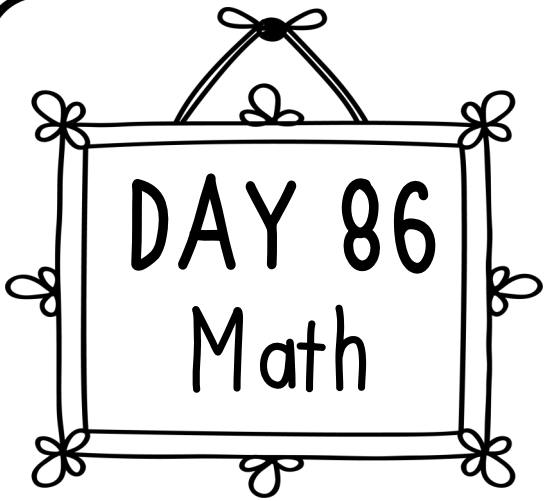
were meeting at mcdonalds at 200 saturday afternoon?

does you want to drink pop milk or water.

danny dont got no more room to display all of his awards

well that was two easy for you replied the teacher to the student?

Multiplication



$$\begin{array}{r} 72 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ \times 5 \\ \hline \end{array}$$



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

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

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

$$\begin{array}{r} 6 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

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

$$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$

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

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 1 \\ \hline \end{array}$$

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

$$\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$$



$$\begin{array}{r} 11 \\ \times 52 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ \times 88 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \times 82 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ \times 15 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ \times 65 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ \times 33 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ \times 55 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ \times 50 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ \times 76 \\ \hline \end{array}$$



$$\begin{array}{r} 444 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 239 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 385 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 616 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 468 \\ \times 5 \\ \hline \end{array}$$

DAY 87

Technology &
Social Studies

Directions: Use the internet to help you find the geography answers. Hint: all of the answers will start with the letters U, V, W, X, Y, or Z.

Find Geography A-Z worksheets at [Education World](http://EducationWorld.com).
© 2004 by Education World®.

Geography - The Letters U, V, W, X, Y, Z

Country in northern South America:

Salt Lake City is the capital of this U.S. state:

State in Australia; its capital city is Melbourne:

African country; it borders countries Botswana and South Africa:

River flows from Canada through Alaska to Bering Sea:

Capital of the Pacific Island nation of New Zealand:

River flows through central China to Shanghai:

DAY 88 Reading

Directions: Read the nonfiction article.
Then answer the multiple choices questions
on the following page. Remember
to look back in the text for answers.

© [Scholastic News Edition 4](#) (October 7, 2013)

cover story



Nathalie Vazquez stands with other members of the No-to-Hate! Stop Bullying program.

Don't Just Stand By

Kids are learning they have the power to stop bullying

For Nathalie Vazquez, the bullying started in third grade. The bully, Katie,* would boss Nathalie around and spread hurtful **rumors** about her at school.

This went on for years. By seventh grade, the bullying had gotten physical. One day, Katie grabbed Nathalie and pushed her into a trash can. It happened in front of other students. In fact, many of

Nathalie's classmates regularly stood by and watched while she was being bullied.

"I felt really upset," says Nathalie, now a ninth-grader in Chula Vista, California. "I didn't have anyone that would help me. I was really alone."

Innocent Bystanders?

Do Nathalie's experiences seem familiar? Studies show that about one out of every six kids is regularly bullied at school. Bullying includes everything from hitting and name-calling to **excluding** kids on purpose. It also includes cyberbullying.

That's when someone sends mean or threatening messages or spreads rumors online.

As Nathalie knows, bullying isn't about just the victim and the bully. Bystanders, the people who witness bullying, often play a big role too. Experts say that bystanders can actually make a bullying situation worse.

Words to Know

rumors (ROO-murz) *noun, plural.* information or stories passed from person to person that have not been proved to be true **W**

excluding (eks-KLOOD-ing) *verb.* keeping someone from joining or taking part in something **W**

*The student's name has been changed to protect her privacy.

4 SCHOLASTIC NEWS EDITION 4 • JANUARY 7, 2013 • www.scholastic.com/sn4

DAY 88 continued Reading

Directions: Read the nonfiction article. Then answer the multiple choice questions on the following page. Remember to look back in the text for answers.

© [Scholastic News Edition 4](#) (October 7, 2013)

"If you just stand by and don't say anything, the victim doesn't realize that they have any support," says Kim Storey. She is a bullying prevention expert. Bystanders, Storey adds, give bullies the attention they seek.

Experts say that by keeping quiet, bystanders send the message that bullying is OK. But bystanders actually have more power than they may realize.

"Research shows that just by stepping in and saying, 'Hey, that's not OK, don't do that,' the bullying stops in at least half of the cases," says Storey.

Standing Up

Lucas Miklos, 9, from New York City, was tired of seeing other kids getting bullied at school. He has stepped in when he's seen a bully beating up other kids. Lucas says he's found that standing up to a bully usually helps. "A lot of bullies feel guilty when you stop them," he says.

Experts say kids don't have to go that far—especially if they don't feel safe. Bystanders can



Watch a Slideshow

often help with small acts (*see "You Have the Power!"*).

For Nathalie, actions by others meant a lot. In seventh grade, a classmate stood up to Katie and told her to leave Nathalie alone.

"It really helps," says Nathalie. "If there's one person that stands up, [others] are going to start to do something too."

Coming Together

After her classmate finally stood up for Nathalie, she felt she could speak out about her bullying experiences. Later that year, she started an organization called "No-to-Hate! Stop Bullying." Its goal is to teach others about bullying—and how to stand up to it. Today, Nathalie's group works with officials at her school. Together, they host assemblies and other events that teach students about bullying.

"We want to raise awareness to stop bullying," says Nathalie. "We want [victims] to speak up and defend their rights. No one deserves to feel or be treated that way."

—Natalie Smith



Core Question



Bullying is not always one-on-one. More than **60%** of victims say they're usually bullied by more than one kid.

Source: Olweus Bullying Prevention Program

You Have the Power!

Here are five things bystanders can do to stop bullying.

1. Speak up



Tell the bully to stop. Or try to distract the bully by changing the subject. You can also try inviting the bully or the victim to walk away with you.

2. Stay safe

If you don't feel safe standing up to a bully, find an adult to help.



3. Don't leave others out



If someone is being excluded, invite him or her to join you at lunch or for other activities.

4. Stop the gossip

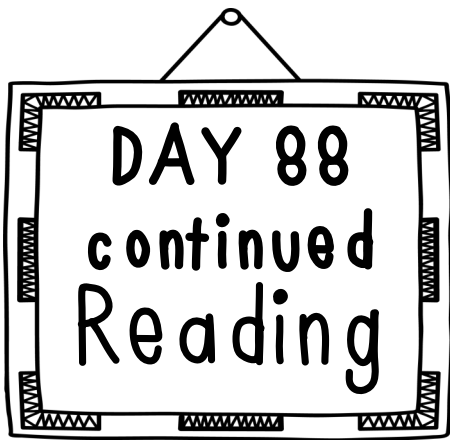
Tell kids who spread rumors to stop. Tell them not to say things behind someone's back or online that they wouldn't say in person.



5. Be a role model

If you notice others laughing at someone being bullied, let them know they're adding to the problem.

Source: Kim Storey



Directions: Read the nonfiction article. Then answer the multiple choices questions on the following page. Remember to look back in the text for answers.

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NEWS IQ: PAGES 4-5

4. What is the author's main purpose?

- Ⓐ to educate readers about how bystanders can help stop bullying
- Ⓑ to inform readers about types of bullying
- Ⓒ to persuade readers to talk about bullying
- Ⓓ to entertain readers with a story about kids who stood up to bullies

5. Which fraction represents the number of kids who are regularly bullied at school?

- Ⓐ $\frac{1}{8}$
- Ⓑ $\frac{1}{6}$
- Ⓒ $\frac{1}{4}$
- Ⓓ $\frac{1}{2}$

6. The author most likely interviewed Kim Storey for this article because she ____.

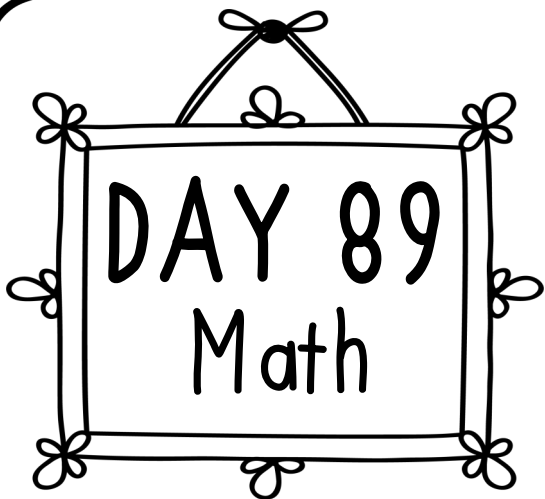
- Ⓐ is an expert on bullying
- Ⓑ was once a bully
- Ⓒ has been bullied
- Ⓓ stood up to a bully

Word to Know

7. Which two words are antonyms?

- Ⓐ rumors, bullying
- Ⓑ rumors, information
- Ⓒ excluding, including
- Ⓓ excluding, examining





Division



Mental Math

$5 \div 1 =$

$18 \div 3 =$

$48 \div 8 =$

$32 \div 8 =$

$63 \div 7 =$

$81 \div 9 =$

$6 \div 2 =$

$20 \div 5 =$

$56 \div 8 =$

$64 \div 8 =$

$8 \div 4 =$

$8 \div 2 =$

$54 \div 9 =$

$7 \div 7 =$

$7 \div 1 =$

$8 \div 8 =$

$20 \div 4 =$

$56 \div 7 =$

$72 \div 9 =$

$45 \div 5 =$

$9 \div 3 =$



Show Your Work

$2 \overline{)50}$

$3 \overline{)79}$

$6 \overline{)43}$

$8 \overline{)76}$

$6 \overline{)53}$

$7 \overline{)474}$

$2 \overline{)453}$

$8 \overline{)176}$

$7 \overline{)922}$

$6 \overline{)344}$



Directions: Sort the following words into the correct syllable categories. Then write more words that fit the categories.

Australia, environment, bravest, flower, continent, bicycle, replay, reconsider, graceful, ocean, creator, generously, explore, shiniest, exclamation, nation

2 syllables

3 syllables

4 syllables

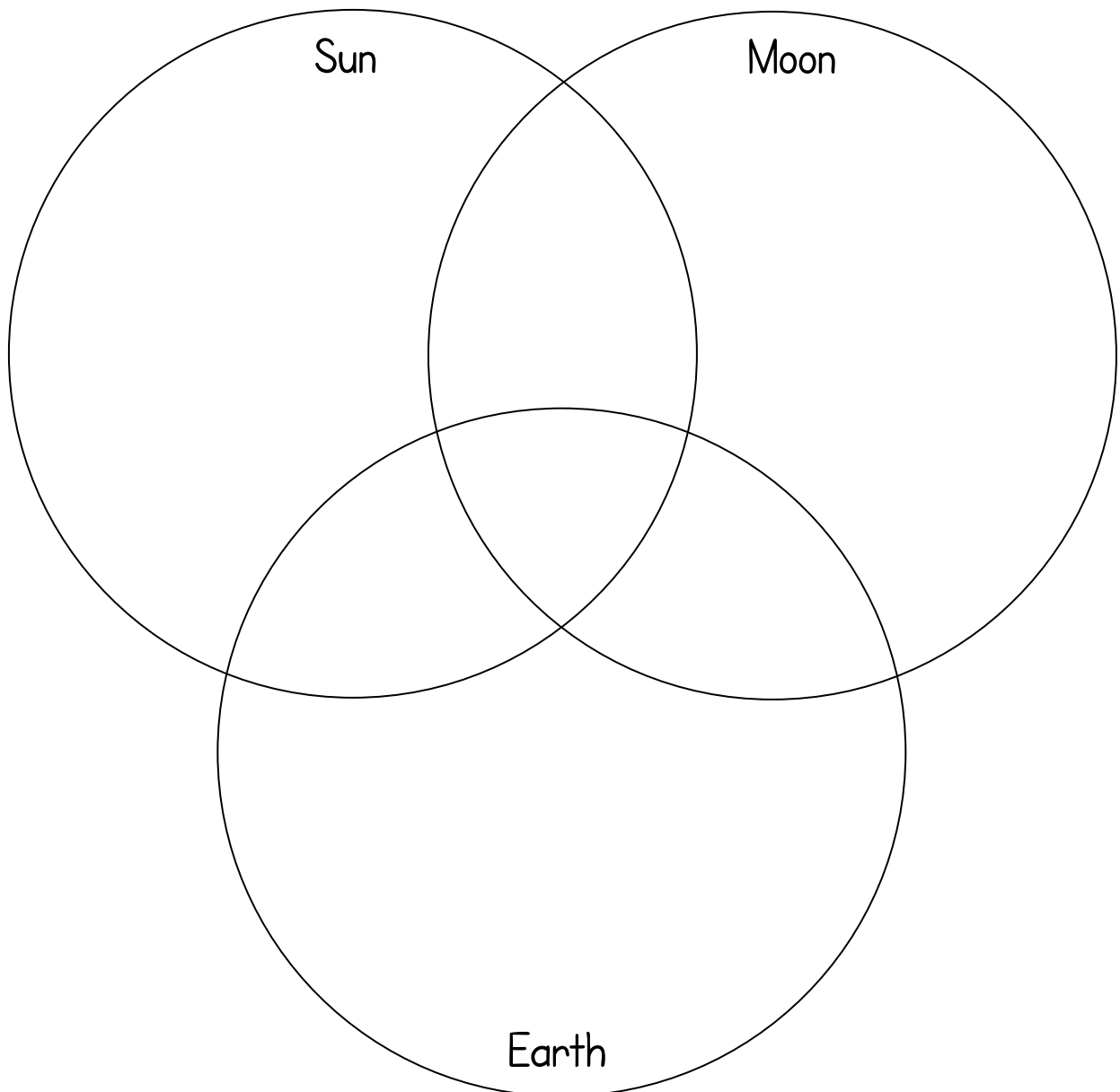
Directions: Circle the word that best completes each sentence.

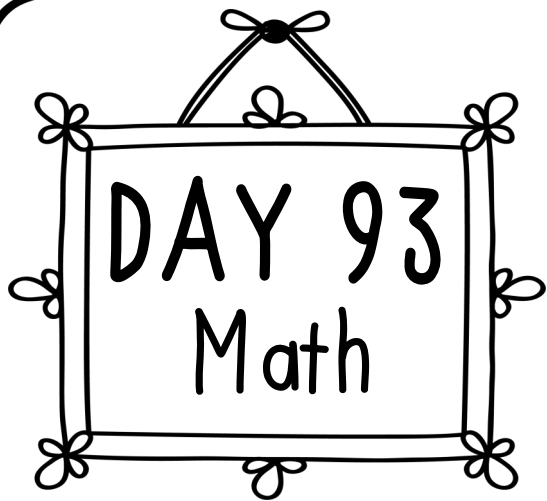
1. It's against the rules to (bring, bringing, brought) a cell phone to school.
2. The job (take, taking, took) us four hours to complete.
3. Yesterday the 5th grader (run, is running, ran) the race in twenty minutes.
4. I (sleep, slept) all day last Saturday.
5. I went to the store and bought (to, two, too) many cookies.
6. The children played over (their, there, they're).
7. (Wear, Where) did the dog hide?

Sun, Moon, and Earth



Directions: Complete the Venn diagram comparing the sun, moon, and Earth.





Addition, Subtraction, & Multiplication of Fractions

Create your own problem and then solve it.

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

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

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

$$\frac{7}{9} - \frac{2}{9} = \underline{\hspace{2cm}}$$

$$\frac{5}{6} - \frac{1}{6} = \underline{\hspace{2cm}}$$

$$\frac{11}{15} - \frac{5}{15} = \underline{\hspace{2cm}}$$

$$\frac{4}{5} + \frac{3}{10} = \underline{\hspace{2cm}}$$

$$\frac{1}{8} + \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{3}{12} + \frac{3}{4} = \underline{\hspace{2cm}}$$

$$\frac{2}{10} - \frac{1}{5} = \underline{\hspace{2cm}}$$

$$\frac{9}{15} - \frac{2}{5} = \underline{\hspace{2cm}}$$

$$\frac{10}{12} - \frac{3}{4} = \underline{\hspace{2cm}}$$



$$5 \times \frac{1}{8} = \underline{\hspace{2cm}}$$

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

$$4 \times \frac{1}{3} = \underline{\hspace{2cm}}$$

$$2 \times \frac{1}{4} = \underline{\hspace{2cm}}$$

$$6 \times \frac{1}{10} = \underline{\hspace{2cm}}$$

$$7 \times \frac{1}{5} = \underline{\hspace{2cm}}$$

$$3 \times \frac{2}{5} = \underline{\hspace{2cm}}$$

$$2 \times \frac{3}{4} = \underline{\hspace{2cm}}$$

$$4 \times \frac{2}{3} = \underline{\hspace{2cm}}$$

DAY 95 Reading

Directions: Read the nonfiction article. Then answer the multiple choice questions on the following page. Remember to look back in the text for answers.

© [Scholastic News Edition 4](#) (October 7, 2013)

COVER STORY

Too Young To Run?



They're off! Heather Welsh (in pink) and her sister, Kaytlynn (in black), start a race in Houston, Texas.

Kids who run races alongside adults are getting a lot of attention—but not all of it's good. Are these young runners going too far?

Heather Welsh is excited to run her first marathon later this month. She won't be leading the pack during the 26.2-mile race near Austin, Texas, but she's sure to get plenty of attention. Heather is only 11 years old.

The sixth-grader from Alvin, Texas, is no stranger to running. She has been competing since

she was 8. Heather races and trains with her 13-year-old sister, Kaytlynn, who has already run in three marathons.

Since 2010, the sisters have completed nearly 200 **endurance** races. Most of them range from about 3 miles to 13 miles. The girls are often the youngest runners on the course. They're used to sprinting past adults who are 20 years older.

"Sometimes they get mad that we're beating them," Heather says.

Safety Concerns

Heather and Kaytlynn say their goal is to run in the Olympics one day. Their dad is their biggest fan, always cheering them on from the

sidelines. But not everyone is so thrilled about kids competing in endurance races.

Many people have questioned whether or not these **strenuous** events are safe for young runners like the Welsh sisters. There doesn't seem to be a clear answer, though, even among doctors. Not much research exists on the effects of long-distance running on kids. Still, some doctors worry about the possible risks.

"A full marathon is [rough] for almost anybody. It's a lot of stress on your bones [and] muscles," says Dr. Jeff Hanway. He works at Children's National Medical Center in Washington, D.C.

Kaytlynn and Heather compete nearly every weekend,



Heather is exhausted after the race in Houston.

DAY 95 continued Reading

Directions: Read the nonfiction article. Then answer the multiple choices questions on the following page. Remember to look back in the text for answers.

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often running back-to-back races on Saturday and Sunday. That makes doctors like Hanway concerned that they aren't taking enough time to rest and recover.

"I think you start getting into danger when you're training all week long and you're doing a race every weekend," he says.

Kids on the Run

Many young long-distance runners say it's unfair to criticize them. They argue that kids compete in other physically demanding sports, like football and gymnastics.

The Welsch sisters also point out that some kids don't exercise at all. The girls are regularly checked by their own doctors, who say they're in good health.

Hanway adds that running can have positive effects on kids, as long as they don't



The Welsches compete in triathlons, which require running, biking, and swimming.

overdo it. Kaytlynn and Heather say running makes them stronger and mentally tougher.

"[Running] makes me feel so energetic," Kaytlynn explains. "It helps me feel like I'm going to be something when I grow up."

Going the Distance

Age requirements differ in each long-distance race. In the New York City Marathon, for example, runners must be at least 18 years old. However, kids can compete in some marathons as long as their parents sign a permission form.

Ten-year-old Nikolas 'Toocheck doesn't have to worry about getting his parents'

permission. His dad is his running partner. Nik finished his first marathon last December, in Delaware.

"It was obviously very hard, but it was super fun," he says. "I was really proud."

Nik hopes to run a marathon on each of the seven continents. So far, he has completed races in North America, Australia, and Antarctica.

Nik trains five days a week, including long runs of about 12 miles on weekends. He doesn't believe that long-distance running is too risky.

"I don't think there should be an age limit [for marathons]," he says. "Just follow your dream, and you can do anything."

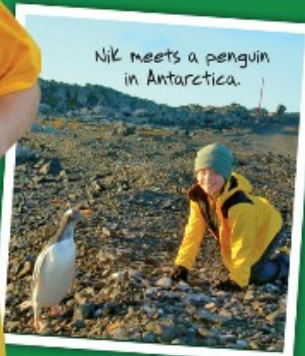
—by Laura Modigliani

Core Questions

Words to Know

endurance (en-DUHR-enss)
noun. the ability to stay active or withstand stress for a long time

strenuous (STREN-yoo-uhss)
adjective. requiring great energy or effort



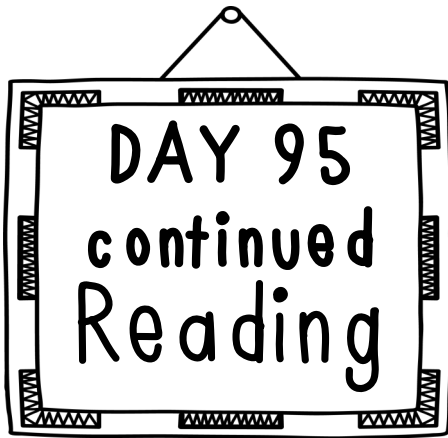
Nik meets a penguin in Antarctica.

Running for a Cause

Nik Toocheck doesn't run to win medals. With each marathon, he raises money for Operation Warm, a charity that provides new coats to kids whose parents can't afford them.

"I thought, 'If I can do something I love and help kids at the same time, it would be really cool,'" Nik says. So far, he has raised more than \$20,000 for Operation Warm.

Running marathons has allowed Nik to visit new places. In Antarctica, he got up close with sea lions and penguins. "It's not every day you get to see animals like that," he says.



Directions: Read the nonfiction article. Then answer the multiple choices questions on the following page. Remember to look back in the text for answers.

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News IQ: pages 4-5

4. Which sentence in the article best connects with the large photo on page 4?

- Ⓐ Heather is only 11 years old.
- Ⓑ His dad is his running partner.
- Ⓒ The girls are often the youngest runners on the course.
- Ⓓ Their dad is their biggest fan, always cheering them on from the sidelines.

5. Dr. Jeff Hanway would likely advise the Welsch sisters to ____.

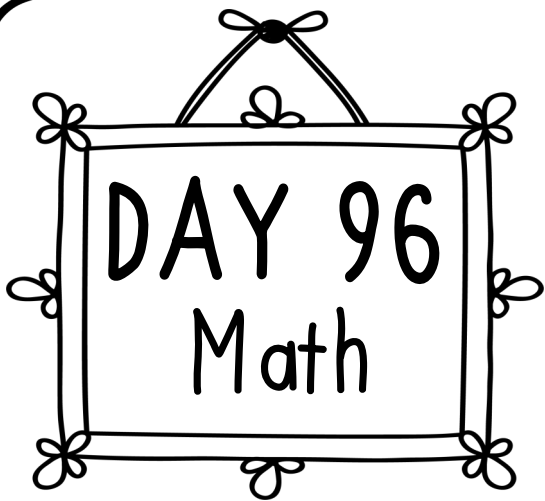
- Ⓐ race on back-to-back days
- Ⓑ rest their bodies more often
- Ⓒ train Monday through Friday
- Ⓓ give up running completely

6. According to the section "Running for a Cause," Nik Toocheck runs marathons mainly to ____.

- Ⓐ win medals
- Ⓑ stay in shape
- Ⓒ set records
- Ⓓ raise money for charity

7. Which word is closest in meaning to strenuous?

- Ⓐ tricky
- Ⓑ challenging
- Ⓒ strict
- Ⓓ complicated



Measurement

Create your own problem and then solve it.

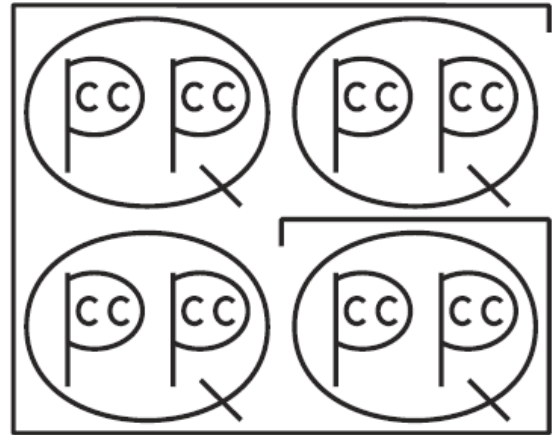
$$\underline{\hspace{2cm}} \text{ c} = 2 \text{ gal}$$

$$10 \text{ qt} = \underline{\hspace{2cm}} \text{ gal} \underline{\hspace{2cm}} \text{ qt}$$

$$22 \text{ c} = \underline{\hspace{2cm}} \text{ qt} \underline{\hspace{2cm}} \text{ pt}$$

$$13 \text{ pt} = \underline{\hspace{2cm}} \text{ qt} \underline{\hspace{2cm}} \text{ pt}$$

$$15 \text{ qt} = \underline{\hspace{2cm}} \text{ c}$$



$$13 \text{ ft} = \underline{\hspace{2cm}} \text{ yd} \underline{\hspace{2cm}} \text{ ft}$$

$$18 \text{ ft } 6 \text{ in.} = \underline{\hspace{2cm}} \text{ yd} \underline{\hspace{2cm}} \text{ in.}$$

$$972 \text{ in.} = \underline{\hspace{2cm}} \text{ yd}$$

$$15,840 \text{ ft} = \underline{\hspace{2cm}} \text{ mi}$$

$$24,640 \text{ yd} = \underline{\hspace{2cm}} \text{ mi}$$

$$321 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$$

$$56 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$$

$$60 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$$

$$892 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$$

$$8.23 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$$



Which reference source would you be the best to look up the following information?

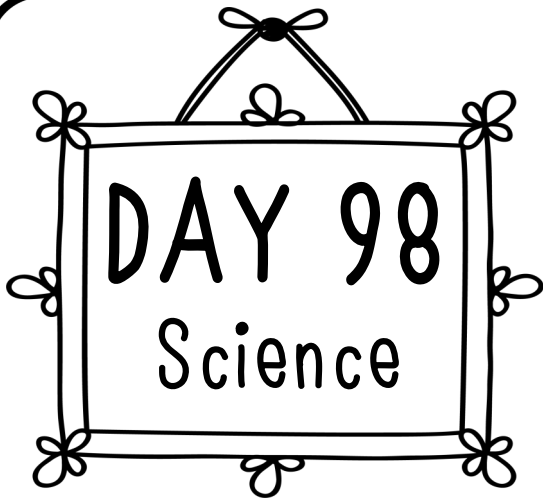
Choices include: dictionary, thesaurus, atlas, encyclopedia.

1. the countries that touch the Indian Ocean _____
2. a synonym for "cold" _____
3. information about cheetahs _____
4. the definition of "planet" _____
5. how to pronounce a word _____

Write one sentence using each homophone pair:

1. son, sun _____
2. there, they're _____
3. sea, see _____
4. one, won _____
5. tale, tail _____
6. knew, new _____
7. wheel, we'll _____

Sun, Moon, and Earth



Directions: Draw and label a model of the movement of the Earth and moon that includes the sun. Write a caption for your drawing that includes the time it takes for the Earth and moon to complete one orbit and one spin.



CONGRATULATIONS!

You are ready for 5th grade.

You learned so much this summer and
you should be very proud.



name

date

My Daily June Reading Log

name: _____

Date	Title of Book	Author	Start Page - End Page	Total # Pages Read	Total # Minutes Read	Level	Genre Code	Date Completed
June 1								
June 2								
June 3								
June 4								
June 5								
June 6								
June 7								
June 8								
June 9								
June 10								
June 11								
June 12								
June 13								
June 14								
June 15								
June 16								

Date	Title of Book	Author	Start Page - End Page	Total # Pages Read	Total # Minutes Read	Level	Genre Code	Date Completed
June 17								
June 18								
June 19								
June 20								
June 21								
June 22								
June 23								
June 24								
June 25								
June 26								
June 27								
June 28								
June 29								
June 30								

My June reading goal: _____

Total minutes read in June: _____ Total number of days read in June: _____

My Daily July Reading Log

☆☆☆☆☆☆☆☆ name: _____



Date	Title of Book	Author	Start Page - End Page	Total # Pages Read	Total # Minutes Read	Level	Genre Code	Date Completed
July 1								
July 2								
July 3								
July 4								
July 5								
July 6								
July 7								
July 8								
July 9								
July 10								
July 11								
July 12								
July 13								
July 14								
July 15								
July 16								

Date	Title of Book	Author	Start Page - End Page	Total # Pages Read	Total # Minutes Read	Level	Genre Code	Date Completed
July 17								
July 18								
July 19								
July 20								
July 21								
July 22								
July 23								
July 24								
July 25								
July 26								
July 27								
July 28								
July 29								
July 30								
July 31								

My July reading goal: _____

Total minutes read in July: _____

Total number of days read in July: _____

My Daily August Reading Log

name: _____




Date	Title of Book	Author	Start Page - End Page	Total # Pages Read	Total # Minutes Read	Level	Genre Code	Date Completed
Aug. 1								
Aug. 2								
Aug. 3								
Aug. 4								
Aug. 5								
Aug. 6								
Aug. 7								
Aug. 8								
Aug. 9								
Aug. 10								
Aug. 11								
Aug. 12								
Aug. 13								
Aug. 14								
Aug. 15								
Aug. 16								

Date	Title of Book	Author	Start Page - End Page	Total # Pages Read	Total # Minutes Read	Level	Genre Code	Date Completed
Aug. 17								
Aug. 18								
Aug. 19								
Aug. 20								
Aug. 21								
Aug. 22								
Aug. 23								
Aug. 24								
Aug. 25								
Aug. 26								
Aug. 27								
Aug. 28								
Aug. 29								
Aug. 30								
Aug. 31								

My August reading goal: _____

Total minutes read in August: _____ Total number of days read in August: _____



International
Baccalaureate
PYP

Read a book about a topic of your choice or pick a topic you are very knowledgeable about. Complete the key concept chart below.

<p>Form What is it like?</p>	<p>Function How does it work?</p>	<p>Causation Why is it like it is?</p>
<p>Change How is it changing?</p>	<p>Key Concepts Topic: <hr/></p>	<p>Connection How is it connected to other things?</p>
<p>Perspective What are the points of view?</p>	<p>Responsibility What is our responsibility?</p>	<p>Reflection How do we know?</p>

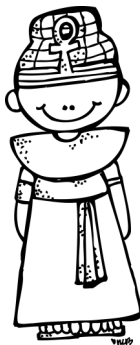
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Use your research skills to learn
about countries around the world.
Write at least one fact for each
country.

China



Egypt



Ireland



France




Spain



Tanzania





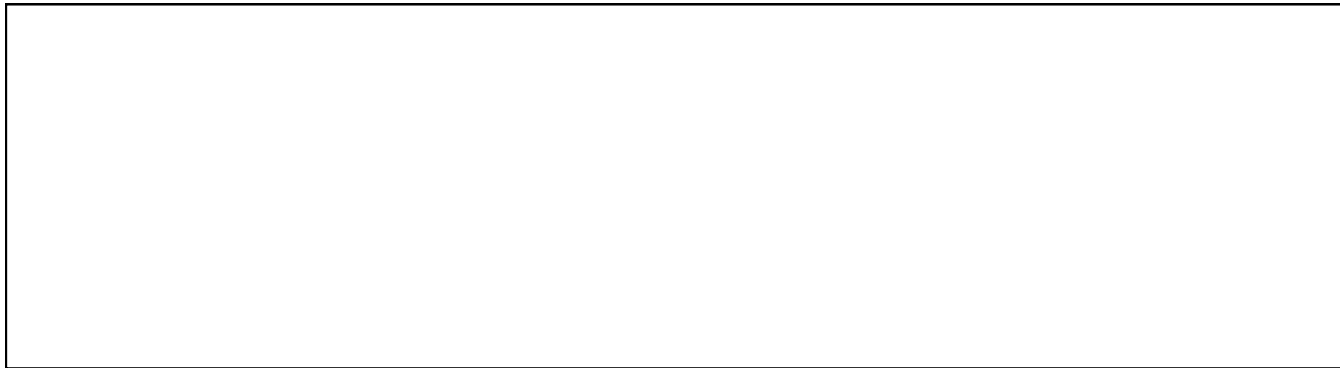
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What foreign language have you learned in school? Write 3 sentences in that language and illustrate each sentence.

1. _____

2. _____

3. _____



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Read a book about a topic of your
choice or pick a topic you are
very knowledgeable about.
Complete the inquiry cycle below.



My wonderings:



What action can I take now I know
these things?

What will I need to know to answer
my wonderings?




How will I show what I have
learned?

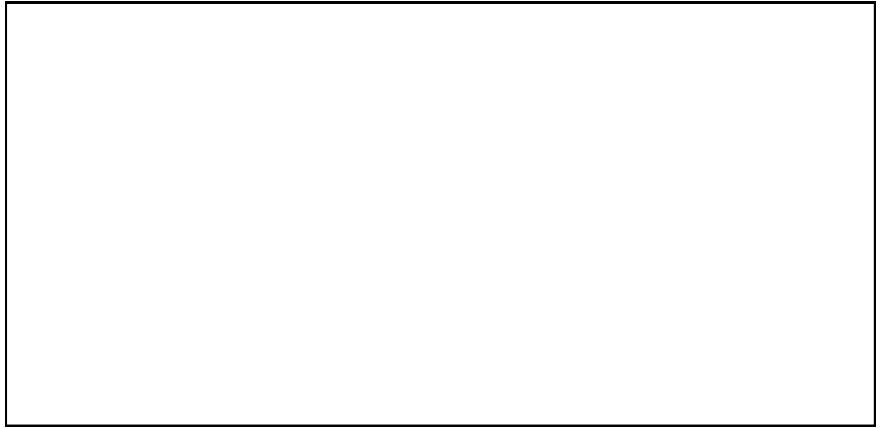


How will I found out what I need to
know?

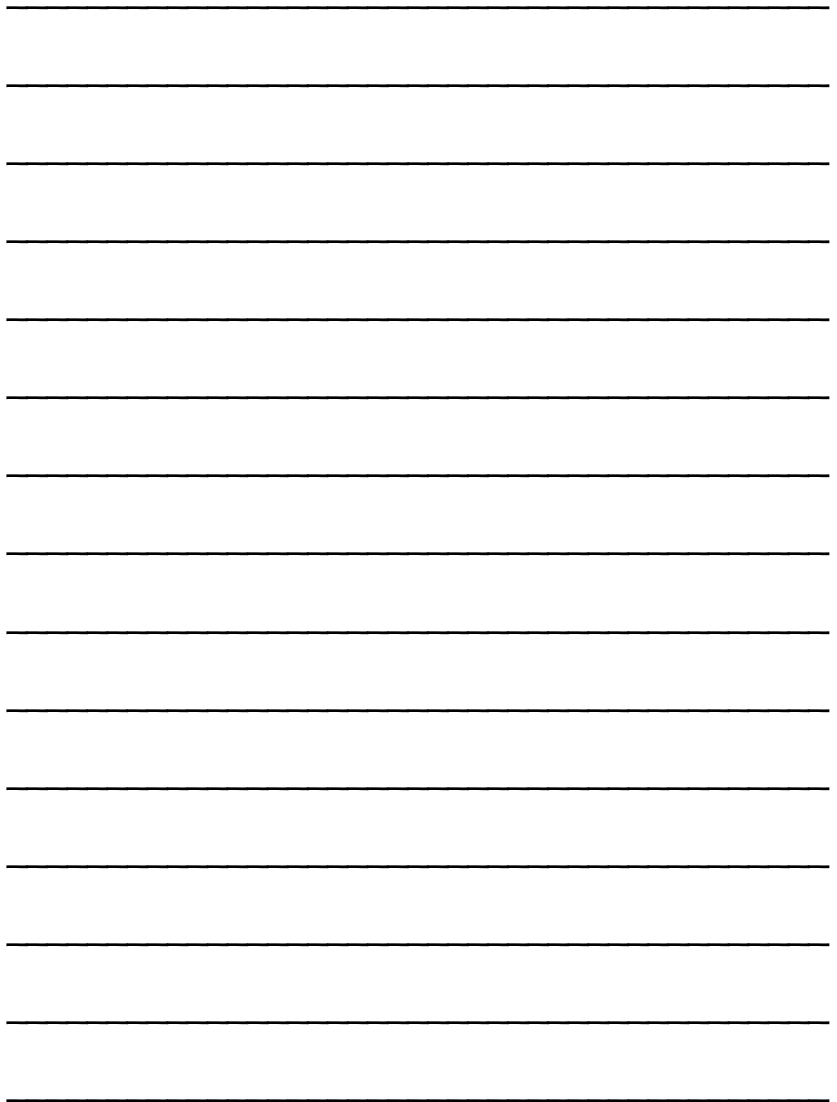
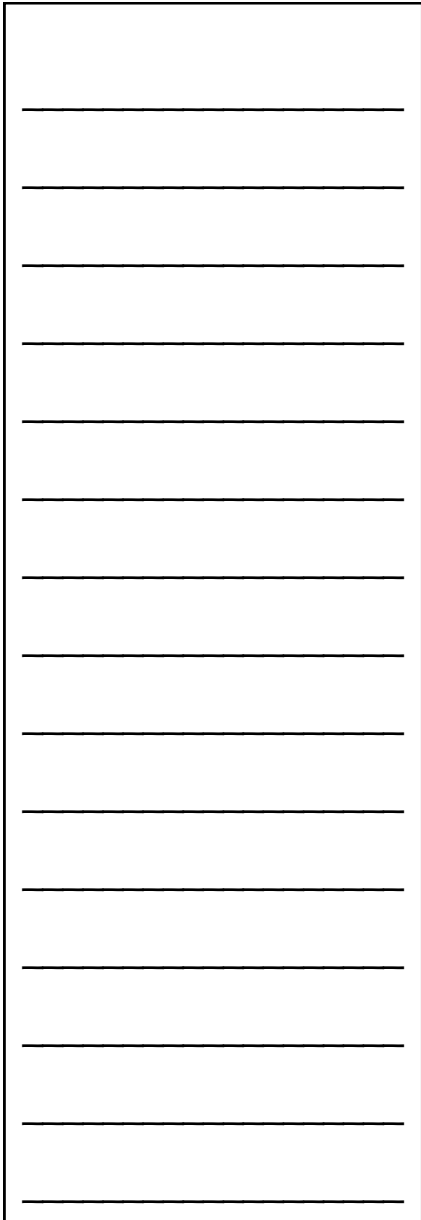




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Create a list of ideas about how you can take action.
Pick one idea and take action! Reflect on your experience.



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Think of something you did this week. Write how you used each Transdisciplinary Skill.

Thinking Skills	Transdisciplinary Skills 	Self-Management Skills
Social Skills	Communication Skills	Research Skills

