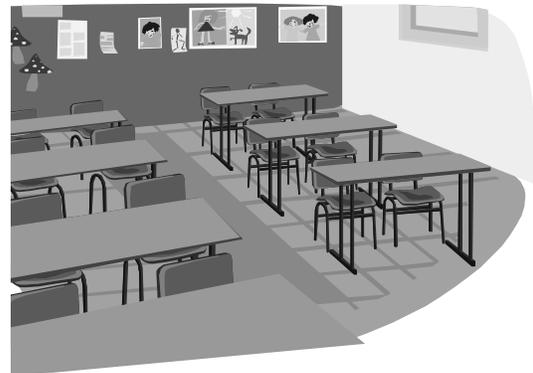




Holy Spirit School Level 6

(For those who have just completed Grade 6)
Summer Math and Language Arts Workbook

Name



Holy Spirit School
Level 6
Math and Language Arts Workbook

Parents,

Often times we find that students do not retain the skills they learned during the school year throughout the summer. This workbook is designed for students to complete over the summer. It is meant to review and reinforce the skills learned in the grade level just completed. The pages should take only a few minutes each. This will help to ensure retention of skills learned making the beginning of the next school year much easier for the students. Please note that completing the book all at one time defeats the purpose of the sustained practice over the summer.

You may find that your child will need you to read the directions but let your child record the answers. You may also find that a little extra review or instruction is needed.

Please have your child bring the completed workbook to school on the first day and give it to his/her homeroom teacher.

Thank you,
Holy Spirit School Faculty

Lesson #1

Show your work.

$89.3 + 16.5$

$7.9 + 32.45$

$54.25 + 6.39$

Show your work.

$24.6 - 13.3$

$9.1 - 6.6$

$30.55 - 2.86$

Show your work.

7.7×4

9.8×0.03

2.7×6.3

Show your work.

$37.49 \div 4.6$

$14.31 \div 2.7$

$6.16 \div 5.6$

Evaluate each expression.

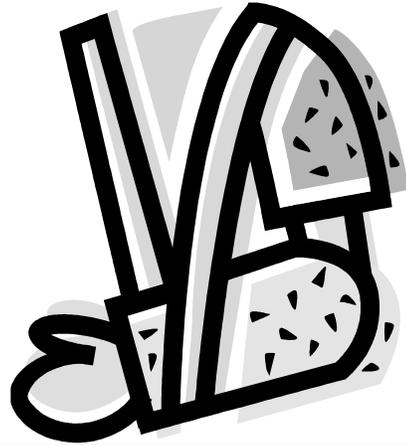
7^3

5^4

Lesson #2

Identify each of the following word groups as a *sentence* or *sentence fragment*. Write *S* for sentence or *SF* for sentence fragment.

1. After falling down the stairs, I broke my arm. _____
2. My aunt, my uncle and cousins at their country house. _____
3. What a beautiful day!



Add words to make each sentence fragment a complete sentence. Write the complete sentence.

1. was hungry at lunch time

2. two marbles, a jack and a ball

Underline the complete subject. Circle the simple subject.

1. Alice and Jake visited the art museum.
2. A beautiful blue jay sat on the windowsill.
3. His pet raccoon ran up the tree.



Lesson #3

Write each product in exponential form.

$1 \cdot 1 \cdot 1 \cdot 1 \cdot 1 \cdot 1$

$6 \cdot 6 \cdot 6 \cdot 6 \cdot 6 \cdot 6 \cdot 6 \cdot 6$

What is the square root?

$$\sqrt{9}$$

Evaluate.

$$4y^2 + 2 \text{ if } y = 3$$



During one game of his rookie year, LeBron James scored 41 of the Cleveland Cavalier's 107 points. How many points did the rest of the team score?

Order the numbers from least to greatest.

-13

9

-2

0

4

$4 - (-3) =$

$-8 - 2 =$

$7 - 10 =$

$14 \div (-2) =$

$-27 \div (-3) =$

$-42 \div 6 =$

Each day Sarah cycles 3 miles on a bicycle trail. The equation $3d = 36$ represents how many days it will take her to cycle 36 miles. How many days d will it take her to cycle 36 miles?



Evaluate each expression if $a = 10$, $b = 4$, and $c = 8$.

$(a - b)^2$

$ab \div c$

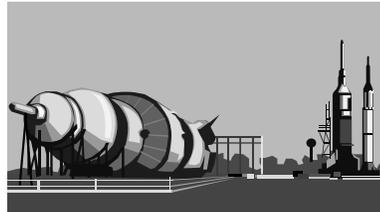
$3b^2 + c$

Lesson #4

The complete predicate usually comes after the subject. It consists of the verb and all the words that describe the verb and its complete meaning. Sometimes, however, part or all of the predicate comes before the subject. Example: **Quickly we learned the layout of the village.**

Example: **At the entrance to the cave were** footsteps of animals.

Underline the complete predicate. Circle the verb.



1. In Houston my classmates and I visited the Lyndon B. Johnson Space Center.
2. At the center, astronauts train for space flight.
3. Actually, I had fun at the space center.

Compound subjects consist of two or more subjects that are joined by a conjunction and have the same verb. Example: **Mrs. Jones and Mrs. Smith** toured Europe together. (Conjunctions include *and*, *but*, or *or*)

Fill in the blanks with a compound subject.

1. _____ are waiting to hear the results of the game.
2. _____ are needed at the party.

Lesson #5

Circle each the prime number.

27 33 37 43 55

X	$X - 1.5$	Y
2	$2 - 1.5$	0.5
3		
4		
5		

Complete the function table using $y = x - 1.5$

$$4 - 9 =$$

$$8 - 13 =$$

$$-2 - 6 =$$

Evaluate each expression.

$$(-8)^2$$

$$4^3$$

Rewrite each fraction in its simplest form.

$$\frac{-28}{-7} =$$

$$\frac{-6}{10} =$$

$$\frac{12}{-20} =$$

Circle the equation that does not have the same solution as the other three.

$$x - 1 = -4$$

$$b + 5 = -8$$

$$11 + y = 8$$

$$-6 + a = -9$$

Circle each number that is divisible by 2, 5, and 10.

125 78 55 500

Circle each composite number.

18 29 39 49 53

Lesson #6

For the following sentences, underline the adjective or adverb clause. Then write ADJ or ADV on the line to identify which clause it is.

1. The game, which went overtime, lasted three hours. _____
2. Please mow the lawn before you leave. _____
3. We will begin rehearsals as soon as you have learned your part. _____
4. Claudia took almost two hundred pictures while she was on vacation. _____
5. The book that Jeff just finished reading is being made into a movie. _____
6. The person whom you need to see is not available right now. _____
7. As long as the team keeps winning, the coach will be in a good mood. _____

Clauses and Phrases

Clause – a part of the sentence that contains a verb.

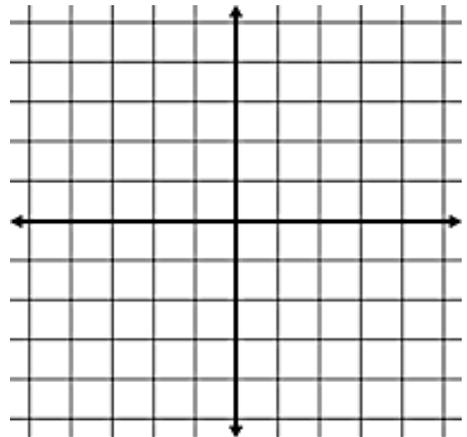
Phrase – a small group of words that is not a sentence because it is not a complete idea with a subject and predicate.

Identify each of the below as a clause or a phrase.

1. He must stop laughing. _____
2. The information age _____
3. Much too quickly to see clearly _____
4. We like the music you selected. _____
5. Although I wasn't feeling well, I went to the game. _____
6. After a very long walk _____
7. The boys went to the skating rink. _____
8. Several small ducks _____

Lesson #7

Graph $y = 2x + 1$ by completing the table. Then label the points.



x	$2x + 1$	y	(x,y)
2	$2(2) + 1$	5	(2,5)
1	$2(1) + 1$	3	(1,3)
0			
-1			

Find the Greatest Common Factor (GCF) by writing the prime factorization for each number. Then circle the common prime factors and multiply.

$$12 =$$

$$24 =$$

$$60 =$$

$$\text{GCF} =$$

Simplify each fraction.

$$\frac{14}{16} =$$

$$\frac{20}{25} =$$

$$\frac{42}{48} =$$

Write each decimal as a percent.

0.4

0.34

0.98

Lesson #8
Works Cited Review

1. Why is it important to create a Works Cited page?

Cite the following in MLA format using the examples provided below -

Web Site MLA Citation Example:

Author's Last Name, Author's First Name (if available). "Title of Page." *Name of Website*. Name of organization affiliated with site, date of publication (day/month/year format), URL (web address). Date of access (day/month/year format).

Book MLA Citation Example:

Author's Last Name, Author's First Name. *Title of Book*. Publisher, year.

2. Using the example above, place the details below in the correct order for documenting a website:

The New York Times

Aaron Carroll

11 Jan. 2018

"Why It's Still Worth Getting A Flu Shot."

Accessed 24 Jan. 2018

<https://www.nytimes.com/2018/01/11/upshot/flu-shot-risks-benefits>

3. Using the example above, place the details below in the correct order for documenting a book:

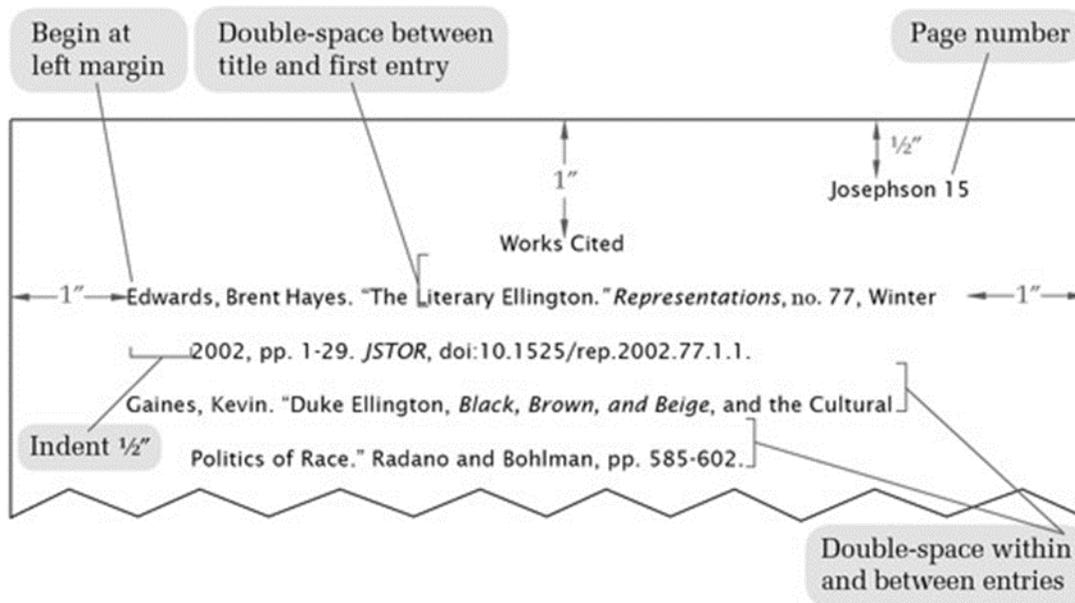
Piano Starts Here

Schwartz & Wade Books

Robert Parker

2008

Using the Works Cited excerpt below, answer the following questions:



4. Who are Edwards and Gaines?

5. What kind of indent is used in a Works Cited page?

Lesson #9

Write 5.75 as a fraction.

Use $<$, $>$, or $=$.

$$\frac{4}{9} \text{ — } \frac{7}{9}$$

$$-1\frac{3}{4} \text{ — } -1\frac{6}{8}$$

$$-7\frac{2}{5} \text{ — } 3\frac{6}{8}$$

Solve. Write your answer in simplest form.

$$\frac{4}{9} \times \frac{11}{12} =$$

$$\frac{1}{10} \times \frac{5}{9} =$$

$$\frac{10}{12} \times \frac{2}{5} =$$

Solve. Write your answer in simplest form.

$$2\frac{2}{3} \times 6\frac{1}{3} =$$

$$4\frac{8}{10} \times 1\frac{2}{5} =$$

$$3\frac{9}{11} \times 7\frac{5}{18} =$$

$$18 \text{ ft.} = \text{ — } \text{ yard}$$

$$72 \text{ oz.} = \text{ — } \text{ lbs.}$$

Write each percent as a fraction in simplest form.

83%

190%

55%

Use a proportion to solve. Show your work.

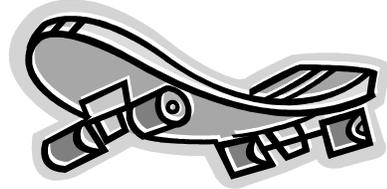
What percent of 15 is 9?

Order each set of numbers from least to greatest. 27% $\frac{1}{5}$ 0.22 20.1

Lesson #10

Add commas where needed.

Michael our skateboard instructor won't let us on the ramps without elbow and knee pads.



A clause is a phrase containing both a subject and a verb. A clause can stand alone as a sentence or it can depend on another clause to create a complete sentence.

An independent (or main) clause can stand alone as a sentence. Main clauses are often accompanied by other clauses that cannot stand alone.

Example: Freddy is going to the movie theater so he can watch *Toy Story 3*.

A subordinate clause has a subject and a verb but it cannot stand on its own as a sentence.

Example: Freddy is going to the movie theater so that he can watch *Toy Story 3*.

Underline the part of the sentence that is an independent (or main) clause.

1. The hikers walked until they were exhausted.
2. Has Harry met the family who moved in next door?
3. Sally needs the book that is on her shelf.
4. We cannot leave yet because the recital is not finished.

Underline the part of the sentence that is subordinate (or dependent)

1. Shannon's brother is majoring in marine biology, which he has loved since childhood.
2. Bill said he would study for the math test after he finishes his breakfast.
3. The sand that trickled down the hourglass showed that Maria had very little time.

Lesson #11

Write each percent as a fraction in simplest form.

125%

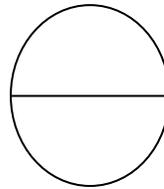
31%

4%

True or False.

A scalene triangle has at least two congruent sides.

Find the circumference of the circle. Use 3.14 for π . Round to the nearest tenth if necessary. *Diameter is 14 yards.



Show your work.

$$5x + 4x + 8 = 54$$

Which equation shows the Commutative Property? Circle your answer.

$$5 \times 2 = 2 \times 5$$

$$5 \times 0 = 0$$

$$5 \times (2 \times 3) = (5 \times 2) \times 3$$

Show your work.

$$7,156 \div 22$$

$$659 \div 3$$

$$9,436 \div 34$$

Convert each improper fraction to a mixed number.

$$\frac{22}{5} =$$

$$\frac{41}{7} =$$

$$\frac{62}{10} =$$

Lesson #12

A prepositional phrase is a group of words beginning with a preposition and ending with a noun or pronoun. The noun or pronoun at the end of the phrase is called the object of the preposition. Often there are other descriptive words between the preposition and its object.

Sometimes prepositional phrases do the job of an adverb. The prepositional phrase tells us how, when or where the action takes place.

First, underline the prepositional phrase in each sentence below. (Each prepositional phrase is used as an adverb to describe how, when or where an action takes place.) Then, circle the verb it describes.

1. I hid my sister's birthday present under her bed.
2. Matthew naps after lunch.

This, that, these and *those* can be used both as adjectives and as pronouns. When they describe nouns or pronouns, they are called **demonstrative adjectives**. When they are used alone, they are called **demonstrative pronouns**. Examples:

Adj. What are these skates doing in the living room?

Pro. What are these doing in the living room?

Identify the underlined word as a demonstrative adjective or a demonstrative pronoun.

1. That is the strangest thing I have ever seen! _____
2. Will those children make it to the bus on in time? _____

Circle the noun(s), underline the verb(s), and cross out the adjective(s) in each sentence.

1. My little sister ran to the yellow slide and red swing.
2. The large building in the photograph is the home of a famous baseball player.

Lesson #13

Which equation shows the Identity Property? Circle your answer.

$$5 + (0 + 2) = (5 + 0) + 2$$

$$6 \times 2 = 2 \times 6$$

$$7 \times 1 = 7$$

Simplify each fraction.

$$\frac{50}{55} =$$

$$\frac{16}{48} =$$

$$\frac{21}{3} =$$

Show your work. Write your answer in simplest form.

$$4\frac{1}{4} - 1\frac{1}{6}$$

$$9\frac{5}{7} - 3\frac{1}{8}$$

$$10\frac{7}{9} - 4\frac{6}{10}$$

Show your work. Write your answer in simplest form.

$$\frac{3}{5} \times \frac{1}{9} =$$

$$\frac{10}{15} \times \frac{3}{6} =$$

$$\frac{7}{8} \times \frac{4}{9} =$$

Show your work.

$$10.976 - 4.8$$

$$6 - 2.83$$

$$314.90 - 12.6$$

Write each equation in exponential form.

$$7 \times 7 \times 7 \times 7 \times 7$$

$$4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4$$

Lesson #14

Quotes

A **Direct Quote** is a way to write down exactly what another person has said, written, or thought. There are three different ways that they are used.

Introductory Quote:

EXAMPLE: Jay said, "We have permission to interview the movie star."

Interrupting Quote:

EXAMPLE: "We have permission," Jay said, "to interview the movie star."

Concluding Quote:

EXAMPLE: "We have permission to interview the movie star," Jay said.

Now you try using your **OWN** sentence **THREE** different ways inserting the correct quotation marks and punctuation.

Introductory Quote:

Interrupting Quote:

Concluding Quote:

Lesson #15

Complete the chart.

Fraction	Percent	Decimal
$\frac{5}{8}$		
	36%	
		1.12

Is the product of 2 and 3 also a factor of 12 and 18? Explain your answer.

Use Order of Operations to solve.

$$72 \div 8 + 4 \times 7 - 2$$

$$48 \div (-6) =$$

$$-56 \div 7 =$$

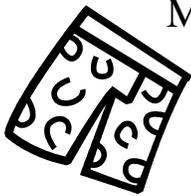
$$-81 \div 9 =$$

Solve.

$$(-6)^3 =$$

$$(-4)^4 =$$

$$(-5)^2 =$$



Marsha is shopping for new summer clothes. She buys 3 tops for \$9.95 each and 2 pairs of shorts for \$15.50 each. If sales tax is 6%, what is the total cost of her purchase? Show your work.

Lesson #16

Write two paragraphs about a person you believe to be brave. Be sure to check for the following:

- _____ paragraphs are indented
- _____ sentences begin with a capital letter
- _____ sentences end with punctuation
- _____ words are spelled correctly
- _____ descriptive words are used

Lesson #17

Solve for the variable. Show your work.

$$\frac{a}{8} = 5$$

$$\frac{3}{8}g = 9$$

$$-3 = \frac{w}{-5}$$

Find the multiplicative inverse (reciprocal).

$$3\frac{4}{5}$$

$$6\frac{1}{3}$$

$$-2\frac{6}{7}$$

Show your work. Write your answer in simplest form.

$$\frac{2}{3} \div 1\frac{1}{2} =$$

$$4 \div 2\frac{1}{4} =$$

$$\frac{3}{5} \div \frac{10}{12} =$$

Find $\frac{5}{6}$ of 60.

What do you call the distance around a circle? _____



The ratio of cardinals to robins was 5 to 7. If there were 84 robins, how many cardinals were there?

The radius of a circle is 32 centimeters. What is the diameter?

Write *nine and five thousandths* in standard decimal form.

Lesson #18

Complete the chart using the base form to write the present participle, the past, and the past participle. Check for spelling as some words require a slight change in spelling and some are irregular. An example is given.

Base Form	Present Participle	Past	Past Participle
start	(is) starting	started	(have) started
become			
wish			
come			
blow			
win			
talk			
enjoy			
create			
hope			
hop			
catch			

Circle the correct verb form in parentheses in each of the following sentences.

1. We had just (began, begun) our work when the alarm sounded.
2. Larry had never (drove, driven) a tractor before.
3. Daniel's grandparents (came, come) to his graduation party.
4. Have you (ate, eaten) squid before?
5. I finally (chosen, chose) a book to read while flying to Florida.

Lesson #19

Show your work. Write your answer in simplest form.

$$\frac{4}{7} \times \frac{7}{8} =$$

$$5\frac{2}{9} \times 1\frac{6}{10} =$$

$$\frac{8}{12} \times 2\frac{4}{6} =$$

Complete the chart.

Fraction	Percent	Decimal
$\frac{1}{4}$		
	1.9%	
		0.8

Alisha paid off \$120 of her credit card balance and made an additional \$65.42 in purchases. If she now owes \$90.45, what was her starting balance?



Write each phrase as an algebraic expression.

seven times the price

half of the starting salary

Show your work.

$$25 + 2y = 47$$

A cell phone company charges a monthly fee of \$39.99 for unlimited *off-peak* minutes on the nights and weekends but \$0.45 for each *peak* minute during the weekdays. If Brad's monthly cell phone bill was \$62.49, for how many *peak* minutes did he get charged?



Lesson #20

A preposition shows the connection between other words in a sentence. Examples include *about, across, at, beside, by, for, in, of, off, over, through, to, under, and with*. (There are MANY more.) Underline the preposition in each sentence.

1. We saw a shooting star fly across the sky.
2. Although some of the dinosaurs were enormous, others were quite small.
3. The kindergarten class played on the monkey bars.



A prepositional phrase begins with a preposition and ends with a noun or pronoun. Circle the complete prepositional phrase in each sentence.

1. The baby crawled through the tunnel.
2. Alex was happy about the award he won.
3. The package was for my brother and me.

Fill in each blank with your own prepositional phrase.

1. My favorite singer will appear _____.
2. The bus always arrives _____.
3. Grandma told us a story _____.
4. The light _____ is broken.

Lesson #21

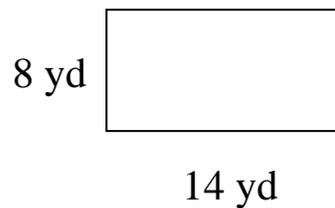
Solve for x .

$$-0.25x + 0.5 = 4$$

Find the perimeter and area for the rectangle.

_____ Perimeter

_____ Area



Write the sentence as an algebraic equation and solve.

Five times a number minus 15 is 40.

Find $\frac{1}{3}$ of 12.

Write an equation for the problem. Then solve. Round to the nearest tenth if necessary.

75% of 80 is what number?

Lesson #22

Read the two sentences and decide how they could be combined to make a better sentence. Rewrite the new sentence.

Dr. Martin Luther King, Jr., was a civil rights leader. He was an American.

Read each sentence. Add the correction punctuation and ending mark.



1. Please follow me
2. Will you please help me carry my books
3. Where in the downtown library is the new display of potter

Circle the pronoun in parentheses that agrees with its antecedent.

1. Julian and I hope to have (our, their) model planes finished soon.
2. Danny's tennis racket flew out of (his, our) hand as he hit the serve.
3. The members of the Pep Club asked to have (its, their) picture taken with the school mascot.

Lesson #23

Use order of operations to solve.

$$4 + (-2)^2 \times 3 \div 2 - (-6)$$

Find the diameter of a circle that has a radius of 15.1 inches.

12 ft. = _____ yards

3 yards = _____ inches

Miranda had 40 cupcakes. She gave $\frac{1}{5}$ of the cupcakes to her friend, $\frac{2}{5}$ of them to her brother, and kept the rest. How many cupcakes did each person get?



Use order of operations to solve.

$$5^2 \times 6 + 4(12 \div 3) - 7$$

Show your work.

$$15.8 \times 3.2$$

$$0.23 \times 0.9$$

$$743 \times 0.5$$

True or False.

To multiply fractions, multiply only the numerators and add the denominators.

Lesson #24

Each sentence contains a pronoun that does not agree with its antecedent. Cross out the incorrect pronoun and write the correct one above it.

1. The asteroids will not hit Earth, but it will come.
2. Each of the boys thought that their project was the best one.
3. Jesse Owens, Willie Mays, and Joe Louis were sports stars in their day, and many people still remember him.

Circle the correct word from the words in the parentheses.

1. We could (hear, here) the fireworks exploding.
2. Mom said that (its, it's) too late to eat cake.
3. I hope the team doesn't (loose, lose) its opening game.

Rewrite each sentence placing quotation marks where they should be and include other punctuation.

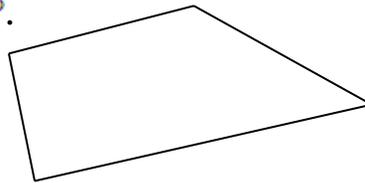
1. Mark said I hope to play in the park today
2. Will you take care of my lawn and my pets asked Mr. Frank

Lesson #25



Marian's favorite restaurant has 3 specials every day. Each special has 2 choices of vegetables and 3 choices of dessert. How many different meals could Marian have?

The sum of the angles in a quadrilateral equal 360° . Find the missing angle if three of the angles are 100° , 110° , and 60° .



Show your work. Write your answer in simplest form.

$$\frac{4}{7} \times \frac{14}{32} =$$

$$\frac{30}{32} \div \frac{6}{8} =$$

$$4\frac{2}{5} \times 2\frac{10}{12} =$$

Complete the chart.

Fraction	Percent	Decimal
$\frac{7}{10}$		
	19.5%	
		0.882

Complete the chart.

Games won in a row	1	2	3	4	5
Tickets Won	3	6	12	24	

Mary planted 45 tulip bulbs last year. This year she plans to plant 10% more. How many bulbs will she plant?



Lesson #26

Relative Pronouns are used to relate a clause to an antecedent.

Example: The room *which* is next to ours (*which* is the relative pronoun; room is the antecedent).

Underline the relative pronoun in this sentence.

Harry S. Truman, who became president when Franklin D. Roosevelt died, surprised many people with his victory over Thomas Dewey in 1948.

Robins are among the birds that migrate south for the winter.

Interrogative Pronouns are used to ask a question (what, which, who, whom, whose).

Underline the relative pronoun and dependent clause in this sentence below.

The recipe that I always use is my grandmother's.

Indefinite Pronouns do not have definite antecedents. It does not refer to a specific person, place or thing.

Example: Someone left a book on the desk.

Underline the indefinite pronoun in each sentence.

Everybody is waiting for the teacher.

Many are excited about the lesson.

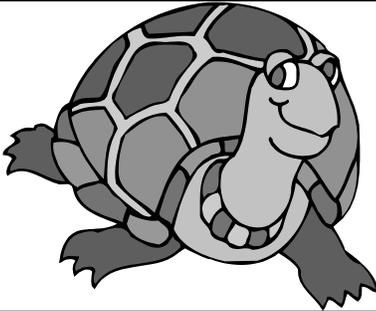
Lesson #27

Use order of operations to solve.

$$2^3 + 7(12 \div 4) - 3$$

Complete the table.

Percent	Decimal	Fraction
		$\frac{11}{22}$
	7.1	
100%		
		$\frac{6}{8}$
	0.02	
6%		



Simplify each fraction.

$\frac{9}{12} =$	$\frac{25}{40} =$	$\frac{16}{30} =$
$\frac{18}{32} =$	$\frac{24}{36} =$	$\frac{15}{45} =$
$\frac{7}{21} =$	$\frac{6}{18} =$	$\frac{13}{39} =$
$\frac{60}{100} =$	$\frac{28}{30} =$	$\frac{35}{100} =$
$\frac{32}{40} =$	$\frac{40}{60} =$	Challenge* $\frac{102}{201} =$

Lesson #28

An adverb is a word that modifies a verb, an adjective, or another adverb. Adverbs answer *where, when, how, how often, how long, to what extent* or *how much*. Circle the adverb in each sentence.

I will call you later.

Softly, I walked up the steps.

An owl hooted very late last night.

Marie always reads before she goes to bed.

If you look closely at a world map, you can quite easily find Brazil.
(There are 3 adverbs in this sentence!)

Rewrite this address using correct capitalization and punctuation.

322 cannons lane
louisville ky 40206

Circle the complete subject and underline the complete predicate.

The Navajo women made beautiful jewelry out of silver and turquoise.

Lesson #29



Show your work.

$45.61 + 108.9$	$70 - 35.61$	$904.6 + 199.21$
$83.92 - 4.38$	$35.85 + 91.2$	$0.912 - 0.3$
$5.1 + 93.291$	$102.3 - 84.619$	$47.819 + 122.97$

Show your work.

7.4×11.38	$94.02 \div 0.03$	993×0.45
$501 \div 2.4$	0.338×0.9	$88.64 \div 0.02$

Lesson #30

Analogies show how two pairs of words are alike. Example: wet is to dry as hot is to cold. Read the analogies and select the word that correctly completes the analogy.

hare reptile stadium

Frog is to amphibious as rabbit is to _____.

Lifeguard is to water park as security guard is to _____.

Dolphin is to mammal as turtle is to _____.

Match these word parts with their meanings. Use a dictionary if you need to.

A) mono-

B) amphi-

C) neo-

_____new

_____one

_____both

Look up the word *inane*. What part of speech is it? _____

Use the word in a sentence of your own.

You can make *inane* an adverb by adding *-ly* to the end of the word. Use the word *inanely* in a sentence of your own.