# St. Katharine of Siena School

## 8th Grade Summer Reading List

## 2018~2019

The goal of summer reading is to further a love of reading among students. Additionally, summer reading can provide your teachers with an opportunity to get to know you as a reader and a writer.

**All students** - there will be one mandatory book, and one book of your choosing that must be read by each student. Additionally, there will be an assignment that will need to be completed by all students for each required reading.

The **entire school** is doing a non-fiction all school SKS Book Club of *The Boy Who Harnessed the Wind* by William Kankwamba. Please see the attached non-fiction assignment.

8<sup>th</sup> grade Girls..... mandatory reading: *I Will Always Write Back* By: Caitlin Alifirenka and Martin Ganda

Dear Parents,

We wanted to make you aware that there are two very brief references in I Will Always Write Back with reference to alcohol (a keg party) and drugs (marijuana specifically). While we wish these references were not in the book, we still believe the book is a great story and has a tremendous message and lessons of value for our students. We have a contact at Villanova and may be able to make a connection with the family in this book to talk to our students. If for any reason you find these references offensive or inappropriate, we'd ask your child to choose another book and to let Mr. DiClemente and me know your choice. It should not be a book they have already read previously. Thanks,

Bud Tosti

8<sup>th</sup> grade Boys..... mandatory reading: Season of Life (selected by Mr. Tosti) By: Jeffrey Marx

Please see the assignment for the 8th grade boys that needs to be submitted to Mr. Tosti by 8/22/18 via email.

# Reading selection of your choice. (choose one)

The Diary of a Young Girl by: Anne Frank Leap of Faith by: Kimberly Brubaker The Book Thief by: Marcus Zusak A Tree Grows in Brooklyn by: Betty Smith Fahrenheit 451 by: Ray Bradbury Seabiscuit: An American Legend by: Laura Hillenbrand The Boys in the Boat by: Daniel James Brown The Old Man and the Sea by: Ernest Hemingway Behind the Beautiful Forevers by: Katherine Boo Counting by 7's By: Holly Goldberg Sloan

# Assignment for Books #1 and #2:

Create a Google Doc for two journal entries (a half page each), completed for each book. You will share the Google Doc with me through my email at.... bdiclemente@sksschool.org . I would also like you to bring a hard copy of your completed assignments to school with you on the first day of school.

Below are the journal writing prompts you can choose from:

• Make a connection (text to self, text-to-world). Explain the context (what is happening in the book) of the text and describe the connection you have made.

• Choose a significant passage that reveals the book's theme, or central message. Record the passage and page number, and explain how it relates to the theme.

• What is the main problem/obstacle/mystery that the characters/people must overcome/solve? How was the problem resolved? Was this a satisfactory conclusion?

• Do you think the characters/people and their problems/decisions/relationships are believable/realistic? Why or why not?

• What was the most surprising, interesting or useful piece of information you learned through reading your book?

• From whose point of view is the story told? What other voices could tell the story? Be sure to explain how the story would be different from this other, new perspective.

Note: You should have a total of two completed assignments (hard copies) when you return to school. Additionally, you should share with me (through Google) a copy of your completed entries to bdiclemente@sksschool.org.

The point of these journals is not to summarize plot, but rather to write critical comments and reflections. This will allow me to learn a little about you for the coming year. I am looking forward to reading your reflections. Thank you for doing your best work. I am wishing you an awesome Summer Vacation! Happy Reading.....I will see you in September. Have fun and be safe.

Sincerely,

## Mr. Bill DiClemente

# Please see below for Mr. Tosti's assignment

# Summer Reading Assignment for 8th Grade Boys

# Season of Life by Jeffrey Marx

Directions: Answer these questions and submit them to Mr. Tosti by email to: btosti@sksschool.org by 8/22/18. Answer each question in paragraph form and be explicit, detailed, and in depth. These are not one sentence answers. You will be marked on the content and depth of your answer, and I do expect your grammar (punctuation and spelling to be correct as well.)

1. What things in his life had the greatest effect on Joe Ehrman and why?

2. What are your thoughts on the 'coaching" approach Coach Ermann and Coach Biff took towards the Gilman Football team?

3. After reading the book what are three core values that you take with you from reading this book? Cite examples of these core values from the book and cite examples in your own life in which you can incorporate these values.

4. Look at the poem by Edwin Markham early in the book. Interpret what the poem means to you.

5. How has reading this book possibly changed your perceptions of what it means to be or to become a "real man?" Discuss the notion of "false masculinity" and what it means to you.

6. Coach Joe called empathy 'the single greatest trait that separates us from animals." (p. 97). Explain this quote in your own words. What does it mean to show empathy (do not give a dictionary definition.) Cite one example from the book and one from your own life.

7. What does it mean to be a "man built for others?" Discuss and comment on Coach Joe's four main masculinity traits that form 'the moral and ethical foundation for men and from his code of conduct for all.

8. Why did you or why didn't you like this book? What influence (if any) did it have on your perspective as a maturing young Catholic man? How can this book influence your relationships with: Your entire family? Your fellow male

classmates/teammates/ friends? Your fellow female classmates/friends? Explain.

# SKS Nonfiction Book Club Summer 2018

# Required Reading:

*The Boy Who Harnessed the Wind* (Young Adult or Adult Edition) by William Kankwamba

Assignment: Entering 8th Grade





- 1. Read *The Boy Who Harnessed the Wind* for pleasure.
- 2. After reading, write 5 discussion questions that you will share with your class during our September Book Club Meeting.
- 3. Use the attached sheet to write all questions.
- 4. Remember your job is to create a list of questions that will help to discuss the book you are reading together. Create open-ended questions that will challenge your group to think. The best discussion questions usually come from your own thoughts, feelings, and concerns

as you read.

- 5. Use following prompts as needed to create questions:
  - Why...
  - How would you explain...
  - What is the importance of...
  - What is the meaning of...
  - Compare...
  - Contrast...
  - What is the difference between...
  - What is the similarity between...
  - What are the causes/results of....
  - What connection is there between...
  - What is meant by...
  - Explain how...

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The Boy Who Harnessed the Wind Discussion Questions Question #1		
Question #2		
Question #3		
Question #4		
Question #5		

# NAME: \_\_\_\_\_ INCOMING 8<sup>th</sup> GRADE SUMMER MATH

\*Please be sure to show all of your work in this packet but also make sure to fill in the answer sheet. This packet will be due the first week of school and will be graded. Each topic begins with some examples and directions on how to solve those particular problems.

Unit: Knowledge of Algebra, Patterns and Functions

Objective: Write an algebraic expression to represent unknown quantities with one unknown and 1 or 2 operations.

Examples:

The tables below show phrases written as mathematical expressions.

Phrases	Expression
9 more than a number The sum of a 9 and a number A number plus 9 A number increased by 9 The total of x and 9	X+9
6 multiplied by g 6 times a number The product of g and 6	6g
4 subtracted from a number A number minus 4 4 less than a number A number decreased by 4 The difference of h and 4	H-4
A number divided by 5 The quotient of t and 5 Divide a number by 5	T ÷ 5

\*Write each phrase as an algebraic expression.

### 1) 7 less than m

- 2) Let t = the number of tomatoes Tye planted last year. This year she planted 3 times as many. Write an algebraic expression to show how many tomatoes Tye planted this year.
- 3) Last week Jason sold x number of hot dogs at the football game. This week he sold twice as many as last week, and then he sold 10 more. Write an expression to show how many hot dogs Jason sold this week.

#### Unit: Knowledge of Algebra, Patterns and Functions

Objective: Evaluate an algebraic expression using one unknown and no more than 2 operations.

**Examples:** 

#1 Evaluate 6x – 7 if x = 8	#2 Evaluate 5m – 15 if m = 6
6x – 7 = 6(8) – 7 replace x with 8	5m – 15 = 5(6) – 15 replace m with 6
= 48 – 7 use order of operations	= 30 – 15 use order of operations
= 41 subtract 7 from 48	= 15 subtract 15 from 30

- 4) Evaluate 6 + 3b if b = 7
- 5) Evaluate 5(6) c if c = 7
- 6) Evaluate  $6a^2$  if a = 4

Unit: Knowledge of Algebra, Patterns and Functions Objective: Evaluate numeric expressions using order of operations with no more than 4 operations.

**Examples:** 

#1 Evaluate $14 + 3(7 - 2) - 2 \cdot 5$ #2 Evaluate $8 + (1 + 5)^2 \div 4$ $14 + 3(7 - 2) - 2 \cdot 5$ $8 + (1 + 5)^2 \div 4$ $= 14 + 3(5) - 2 \cdot 5$ parentheses first $= 14 + 15 - 2 \cdot 5$ multiply left to right $= 14 + 15 - 10$ multiply left to right $= 20$ add $= 10$ add		
$14 + 3(7 - 2) - 2 \cdot 5$ $8 + (1 + 5)^2 \div 4$ $= 14 + 3(5) - 2 \cdot 5$ parentheses first $= 14 + 15 - 2 \cdot 5$ multiply left to right $= 14 + 15 - 10$ multiply left to right $= 10$ and left to right $= 20$ and left to right $= 10$ and left to right $= 10$ and left to right $= 17$ and left to right	#1 Evaluate 14 + 3(7 - 2) - 2 • 5	#2 Evaluate $8 + (1 + 5)^2 \div 4$
= 19 subtract	$\begin{array}{l} 14+3(7-2)-2\cdot 5\\ =14+3(5)-2\cdot 5 \\ =14+15-2\cdot 5 \\ =14+15-10 \\ =29-10 \\ =19 \end{array}$ parentheses first multiply left to right add left to right	$8 + (1 + 5)^2 \div 4$ $= 8 + (6)^2 \div 4$ $= 8 + 36 \div 4$ $= 8 + 9$ $= 8 + 9$ $= 17$ add

- 7)  $(2+10)^2 \div 4$
- 8)  $72 \div 3 5(2.8) + 9$
- 9)  $3 \cdot 14(10 8) 60$

#### Unit: Knowledge of Algebra, Patterns and Functions Objective: Determine the unknown in a linear equation with 1 or 2 operations.

Examples:

Examples.		
#1 Solve x + 5 = 11	#2 Solve 3x + 2 = 23	
X + 5 = 11write the equation-5-5subtract 5 from both sidesX = 6simplify	3x + 2 = 23write the equation $-2$ $-2$ subtract 2 from both sides $3x = 21$ simplify $3$ divide each side by 3 $X = 7$ simplify	

#### 10) Solve 2t + 7 = -1

- 11) It costs \$12 to attend a golf clinic with a local pro. Buckets of balls for practice during the clinic cost \$3 each. How many buckets can you buy at the clinic if you have \$30 to spend?
- 12) An online retailer charges \$6.99 plus .55 per pound to ship electronics purchases. How many pounds is a DVD player for which the shipping charge is \$11.94?

Unit: Knowledge of Number Relationships and Computation Objective: Read, write and represent whole numbers using exponential notation.

Examples:

Write 6 <sup>3</sup> as a product of the same	Evaluate 5 <sup>4</sup>	Write 4•4•4•4 in exponential form.
factor.	-evaluate means to solve	-base = 4, it is used as a factor 5
-base = 6, so the exponent 3 means		times so the exponent is 5.
that 6 is used as a factor 3 times.	$5^4 = 5 \cdot 5 \cdot 5 \cdot 5 = 625$	·
		<b>4•4•4•4•4 = 4</b> <sup>5</sup>
$6^3 = 6 \cdot 6 \cdot 6$		

13) Evaluate 7<sup>3</sup>.

14) Evaluate 8<sup>4</sup>.

15) Write 9 • 9 • 9 • 9 • 9 • 9 in exponential form.

#### Unit: Knowledge of Algebra, Patterns and Functions

Objective: Apply given formulas to a problem-solving situation using formulas having no more than three variables.

Examples:



- 16) Margot planted a rectangular garden that was 18 feet long and 10 feet wide. How many feet of fencing will she need to go all the way around the garden? (P = 2L + 2W)
- 17) Juan ran all the way around a circular track one time. The diameter (d) of the track is 60 meters. What is the circumference of the circle? (C =  $\pi$  d)

#### Unit: Knowledge of Geometry

Objective: Identify and describe angles formed by intersecting lines, rays or line segments.

Examp	les:
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Right Angle	Acute Angle	Obtuse Angle	Straight Angle
Exactly 90 <sup>0</sup>	Less than 90°	Between 90° and 180°	Exactly 180 <sup>0</sup>

- 18) What type of angle is formed by a clock when it is 1:00pm?
- 19) What type of angle is formed by a clock when it is 3:00pm?
- 20) What type of angle is formed by a clock when it is 7:00pm?

#### Unit: Knowledge of Geometry

Objective: Identify and describe angles formed by intersecting lines, rays or line segments.

Examples:	
Vertical Angles	
	/

Vertical Angles	Supplementary Angles	Complimentary Angles
$\alpha$ $\alpha$ When two lines intersect,	45° 135°	25° 65°
they form two pairs of opposite angles called vertical angles, which are always congruent.	Two angles are supplementary if the sum of their measures is 180 <sup>0</sup>	Two angles are complimentary if the sum of their measure is 90°
Congruent angles have the same measure.	45º + 135º = 180º	$25^{\circ} + 65^{\circ} = 90^{\circ}$

- 21) Classify the relationship between angles 1 and 3 as complementary, supplementary or vertical.
- 22) Classify the relationship between angles 1 and 4 as complementary, supplementary or vertical.
- 23) Classify the relationship between angles 2 and 3 as complementary, supplementary or vertical.



#### Unit: Knowledge of Geometry

Objective: Determine a missing angle using the sum of their interior angles in a quadrilateral.



- 24) The top of Mrs. Hartsock's coffee table is a quadrilateral whose angles measure 60°, 120° and 100°. What is the measure of the fourth angle?
- 25) Maria needs to cut a piece of carpet to fit the space near her front door. The space is an odd shaped trapezoid with angles that measure 64° with two other angles that are each right angles. What is the measure of the fourth angle?



Find the missing measure of the interior angle.

#### Unit: Knowledge of Geometry Objective: Determine the area of quadrilaterals using parallelograms or trapezoids.





\*\*Find the area of each parallelogram. Round to the nearest tenth if necessary.



#### Unit: Knowledge of Measurement

Objective: Determine the area of quadrilaterals using parallelograms or trapezoids.

Examples:



\*Find the area of each trapezoid. Round to the nearest tenth is necessary.



#### Unit: Knowledge of Measurement

Objective: Determine the surface area of geometric solids using rectangular prisms.



\*Find the surface area of the rectangular prisms below. Round to the nearest tenth if necessary.



32)



#### Unit: Knowledge of Probability

Objective: Determine the probability of an event comprised of 2 independent event.



- 33) A coin is tossed and a number cube is rolled. What is the probability of tossing heads and rolling a 3 or a 5?
- 34) One letter is randomly selected from the word PRIME and one letter is randomly selected from the work MATH. What is the probability that both letters selected are vowels?
- 35) What is the probability of spinning a number greater than 5 on a spinner numbered 1 to 8 and tossing a tail on a coin?

Unit: Knowledge of Number Relationships and Computation Objective: Determine equivalent forms of rational numbers expressed as fractions, decimals, percentages and ratios.

Example:	
Write 19/20 as a percent. -divide the numerator by the denominator $19 \div 20 = 0.95$ -move the decimal two places to the right 0.95 = 95%	Write 92% as a fraction in simplest form. $92 \div 4 = 23$ $100 \div 4 = 25$
Write 92% as a decimal -move decimal two places to the left, add zeros if needed 92.0% = 0.92	Write 0.4 as a percent -move decimal two places to the right, add zeros if needed 0.4 = 40%

36) Write 7/25 as a decimal and percent.

- 37) Write 75% as a decimal and fraction in simplest form.
- 38) Ms. Crest surveyed her class and found that 15 out of 30 students brushed their teeth more than twice a day. Write the ratio as a fraction in simplest form, then write it as a percent and a decimal.

Unit: Knowledge of Number Relationships and Computation Objective: Compare, order and describe rational numbers.

Example:

Rational numbers include fractions, decimals and	*Order 0.6, 48% and ½ from least to greatest.
percentages. To compare or order rational numbers,	Step 1 – change all to decimals
they must be in the same form (all fraction or all decimal	$(0.6  48\% = 0.48  \frac{1}{2} = 0.5)$
or all %s)	Step 2 – compare decimals and order
,	(0.48, 0.5, 0.6)
	Step 3 – Write using original form.
	(48%, ½, 0,6)
	( , ,

- 39) Order from least to greatest. 22%, 0.3, 1/5
- 40) Order from least to greatest. 0.74, 3/4, 70%
- 41) According to the Pet Food Manufacturer's Association, 11 out of 25 people own large dogs and 16 out of 50 own medium dogs. Do more people own large or medium dogs?

Unit: Knowledge of Number Relationships and Computation Objective: Add, subtract, multiply and divide integers.

Example:

Addition Integer Rules: Same Sign: -the sum of two positive integers is positive -the sum of two negative integers is negative For integers with different signs, subtract their absolute value. The sum is: -positive if the positive integer has the greater absolute value -negative is the negative integer has the greater	Subtraction Integer Rules: -keep the first number the same -switch the operation to addition -change the second number to its opposite (opposite of -6 = 6) -follow addition rules
absolute value	
-6 + (-3) = add, keep the sign = -9	6 - 9 = 6 + (-9) = -3
-34 + (-21) = add, keep the sign = -55	-3 - 7 = -3 + (7) = -10
	-10 - (-12) = -10 + 12 = 2
8 + (-7) = subtract, keep the higher sign = 1	1 – (-2) = 1 + 2 = 3
-5 + 4 = subtract, keep the higher sign = -1	

- 42) Evaluate a b if a = -2 and b = -7
- 43) Evaluate x + y + z if x = 3, y = -5 and z = -2
- 44) Write an addition expression to describe the skateboarding situation. Then determine the sum. Hank starts at the bottom of a half pipe 6 feet below street level. He rises 14 feet at the top of his kick turn.

# Unit: Knowledge of Number Relationships and Computation Objective: Add, subtract, multiply and divide integers.

Example:

Multiplying and Dividing Integer Rules -two integers with different signs, the answer is negative	5 (-2) = 5 times -2, the signs are different so the answer will be negative = -10
-two integers with same signs, the answer is positive	(-6) x (-9) = the signs are the same so the answer will be positive = 54

- 45) Evaluate -3ac if a = -3 and c =5
- 46) A computer stock decreased 2 points each hour for 6 hours. Determine the total change in the stock value over the 6 hours.
- 47) A submarine descends at a rate of 60 feet each minute. How long will it take it to descend to a depth of 660 feet below the surface?

Unit: Knowledge of Number Relationships and Computation Objective: Add, subtract and multiply positive fractions and mixed numbers.

Example:

To add unlike fractions, fractions with different	1	+	2	= 5	+	<u>12</u> =	<u>17</u>		
denominators, rename the fractions so there is a common	6		5	30	)	30	30		
denominator.									

- 48) A quiche recipe calls for 2 <sup>3</sup>/<sub>4</sub> cups of grated cheese. A recipe for quesadillas requires 1 <sup>1</sup>/<sub>2</sub> cups of grated cheese. What is the total amount of grated cheese needed for both recipes?
- 49) You want to make a scarf and matching hat. The pattern calls for  $1\frac{7}{8}$  yards of fabric for the scarf and 2  $\frac{1}{2}$  yards of fabric for the hat. How much fabric do you need in all?

Unit: Knowledge of Number Relationships and Computation Objective: Add, subtract and multiply positive fractions and mixed numbers.

Example:

To subtract unlike fractions, fractions with different denominators, rename the fractions so there is a common denominator.	<u>7</u> - 8	<u>1</u> = 2	<u>7</u> - 8	<u>4</u> = 8	= <u>3</u> 8		

50) 2/3 – 1/6 =

51)  $5\frac{3}{8} - 4\frac{11}{12} =$ 

Unit: Knowledge of Number Relationships and Computation Objective: Add, subtract and multiply positive fractions and mixed numbers.

Example:	
*To multiply fractions, multiply the numerators and denominators.	$1^{\frac{1}{2}} \times 3^{\frac{2}{2}} = \frac{4}{2} \times \frac{17}{2} = \frac{68}{2} = 4^{\frac{8}{2}}$
*Be sure to change mixed numbers to improper fractions before multiplying.	3 5 3 5 15 15

- 52) Anna wants to make 4 sets of curtains. Each set requires 5  $\frac{1}{2}$  yards of fabric. How much fabric does she need?
- 53) One sixth of the students at a local college are seniors. The number of freshman students is 2 ½ times that amount. What fraction of the students are freshman?

Unit: Knowledge of Number Relationships and Computation Objective: Determine equivalent ratios.

Example:

*Any ratio can be written as a fraction. To write a ratio comparing measurements, such as units of length or units of time, both quantities must have the same unit of measure.	*A proportion is an equation stating that 2 ratios are equivalent. Since rates are types of ratios, they can also form proportions.
*Two ratios that have the same value are equivalent ratios.	*In a proportion, a cross product is the product of the numerator of one ratio and the denominator of the other ratio.
Write 40 centimeters to 2 meters as a fraction in simplest form.	Determine whether 2/3 and 10/15 form a proportion (are equivalent ratios)
$\frac{40 \text{ cm}}{2\text{m}} = \frac{40 \text{ cm}}{40 \text{ cm}} = \frac{1 \text{ cm}}{1 \text{ cm}} = \frac{1}{1}$ $2\text{m} = 200 \text{ cm} \div 40 = 5 \text{ cm} = 5$	$\frac{2}{3} ? \frac{10}{15} 2 \times 15 = 3 \times 10$ 3 15 30 = 30 The cross products are equal, so the ratios are equivalent and form a proportion.

54) Write the ratio as a fraction in simplest form. \*remember, ratios must have the same measurements

12 feet: 10 yards

- 55) Determine whether the pair of ratios is equivalent and forms a proportion.
  - <u>\$2.48</u> ? <u>\$3.72</u> 4 oz 6 oz
- 56) In baseball, David has 10 hits out of 14 at bats. Adam has 15 hits out of 21 at bats. For each player, write a ratio that represents his total number of hits out of times at bat. Are these ratios equivalent?

Unit: Knowledge of Number Relationships and Computation Objective: Determine or use ratios, unit rates and percentages in the context of the problem.

Example:

*A rate is a fixed ratio between two quantities of different units, such as miles and hours, dollars and hours,	Last week Mike worked 30 hours and earned \$240. What was his rate of pay?	The unit price of a can of tuna fish at the GHK Supermarket is \$2.43. How much will 7 cans cost?
points and games. If the second number of a rate is 1 then the rate is	*Divide the total earned by the	*Use the definition of unit price.
*Unit Rate examples:	-How much money did Mike earn? (\$240)	unit or the price of one can of tuna fish (\$2.43 each)
60 miles per hour or \$15 per hour	-How many hours did he work? (30 hours)	-multiply (\$2.43 x 7 = \$17.01)
	-determine the rate of pay -divide the amount of money earned by the # of hours	Seven cans of tuna fish cost \$17.01.
	$\frac{\text{Amount of \$}}{\text{hours worked}} = \frac{240}{30} = \$8$	

- 57) Chad purchased 6 Fierce Grape Gatorades for \$12.00. If Chad wanted to go back and buy one Tropical Punch Gatorade at the same price, how much would it cost?
- 58) Your family was headed to the beach for summer vacation. You drove 560 miles in 8 hours. Determine how many miles you drove per hour.
- 59) Giant Eagle was having a big 4<sup>th</sup> of July sale on sodas. Giant Eagle was selling Coke Fridge Packs at \$3.00 for 12 sodas. Determine the cost of one soda.

Unit: Knowledge of Number Relationships and Computation Objective: Determine or use ratios, unit rates and percentages in the context of the problem.

Example:

Solving Proportions $\frac{8}{2} = \frac{10}{15}$	Sometimes proportions involve percentages. In this case, we use the percent proportion.	Chad's football team played 25 games. They won 68% of them. How many games did the team win?
8 x 15 = a x 10 120 = 10a	$\frac{\%}{100} = \frac{\text{part (is)}}{\text{total(of)}}$	$\frac{68\%}{100} = \frac{x}{25}$
120÷10 = 10a ÷10 12 = a		68 x 25 = 100x <u>1700</u> = <u>100x</u> 100

- 60) It is recommended that for every 8 square feet of surface, a pond should have 2 fish. A pond that has a surface of 72 square feet should contain how many fish?
- 61) An 8-ounce glass of Orange juice contains 72 milligrams of vitamin C. How much juice contains 36 milligrams of vitamin C?
- 62) Jake's club has 35 members. Its rules require that 60% of them must be present for any vote. At least how many members must be present to have a vote?

#### Unit: Knowledge of Number Relationships and Computation

Objective: Determine rate of increase and decrease, discounts, simple interest, commission and sales tax.

Example:

Sales Tax	Commission
-is a percent of the purchase price and is an amount paid	-is the amount a salesman makes for selling items. To
in addition to the purchase price.	decimal and multiply by the total amount sold.
Determine the total price of a \$17.55 soccer ball if the	
sales tax is 6%.	Determine the commission for a RV salesman, whose
-change the percent to a decimal and multiply	sales for the month of March totaled \$149,000. The
-add price and tax to determine the total price	salesman earns a 4% commission.
	-change the percent to a decimal
17.55 x 0.06 = 1.07 (tax)	-multiply decimal and total sold
17.55 + 1.07 = 18.82	
	0.04 x 149,000 = \$5960

- 63) Jeremy wants to buy a skateboard but does not know if he has enough money. The price of the skateboard is \$85 and the sales tax is 6%. What will be the total cost of the skateboard?
- 64) Blake bought two magazines for \$4.95 each. If the sales tax was 6.75%, what was the total amount that he paid for the magazines?
- 65) A car salesman earns 7% commission on his total sales this month. If he sells 2 cars at \$15,670 each and a truck at \$25,995, how much commission will he earn? (hint: find total sales first)

Name	
8 <sup>th</sup> Grade Summer Math	
Answer Sheet	

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