

June, 2021

Hello 7th Grade Students,

Enjoy your summer with Fun, Family, Friends, Curiosity, Kindness, and Having Good Times.

We look forward to seeing you when school begins. But, before the summer is over, we want you to continue to expand and acquire knowledge this summer. One way you and your classmates can continue to learn and retain information is completing the Carver 7th Grade Summer Packet.



You will have time to complete these required summer assignments by the time school begins in August, 2021. You will give these completed assignments to your 7th Grade teachers. These assignments will be graded. This 7th Grade Carver Summer Packet has assignments for ELA (Language Arts), Geography, Math, and Science.

For **Geography**:

What are you to do?

There are three Geography activities you must complete.

Please make sure you have your **Name** (First and Last Name) on each page.

The handout sheets for the activities are found after the provided instructions.

Activity #1 Current Events:

- (a) You will **complete four (4) Current Events Handout Sheets**.
- (b) You must select four different weeks out of the summer. Any four weeks are acceptable. They do not have to be in order.
- (c) That is, you **cannot** complete four (4) Current Events Handout Sheets for one week.
Instead, you are to learn news information during four different weeks.
- (d) Once you choose a week, you must select a day out of that week to gain and acquire news.
- (e) That is, on your particular day you have chosen to acquire news, you must watch, read, or listen to the news.
- (f) The news can be on the local, national, or international level.
- (g) Then you must complete the current events worksheet.

(h) Remember, there are four (4) current events worksheets to complete. (four worksheets *for* four different weeks)

- (i) You will provide the
- following: Your Name
 - Event
 - Date of Event (Day of week and date)
 - Source(s) of Event
 - Who?
 - What?
 - Where?
 - What do you think is important?
 - Summary of the event
 - Write an opinion about this event

(j) As our work in 7th grade will focus on the eastern hemisphere, **we highly recommend at least two of the four current events you choose involve events taking place in countries of the Eastern Hemisphere**

Objectives:

- = To understand the importance of people, events & issues in the news.
- = To explore and learn more about the news.
- = To elevate student awareness of local, national, and global issues
- = To pay attention to the news and how it may affect their lives
- = To open up communication between parents, siblings, and friends
- = To develop an interest to learn the news on a regular basis

Activity #2: "The What's on the Menu Project"

= There is not a handout page provided for this activity. You are to create your own page for this activity. You can be creative. Design your sheet in any format.

- = You will research global cuisine (types of food).
- = You will write a restaurant menu with your findings and taste buds..

- = You will include where the food is from (country, region, city?).
- = Your restaurant menu must include at least 5 items [one item can be a liquid beverage (drink)].
- = Your restaurant menu can list as many items as you wish.
- = Optional: You can include pictures or draw pictures of the food items..
- = Optional : You can decorate your menu page .
- = Optional : You can include the recipes.

OR

You can research and find out what do people eat : [Choose One]

= for breakfast? Or

= for lunch? Or

= for dinner/supper?

- (a) Must have a minimum of 8 to 10 countries represented
- (b) Select your country and select the foods for that meal
- (c) On your paper, include country and name of food
- (d) Describe the food from that country
- (e) If possible, include pictures of the different foods
- (f) Briefly, explain how these food differ from your American diet
- (g) Or, briefly explain how these food are similar to your American diet
- (h) Include any other information you want to provide

Objectives: This assignment allows you to learn about cultural similarities and differences around the world. It also lets you know particularly the food that people like to eat and where.

Activity #3: Virtual Tours

You are to select where you want to travel and what sparks your interest.

This is an opportunity for you to explore and experience a specific area you have never been. Most of all, you are doing this from the comfort of your home.

What are you to do?

- ① Choose a location for your tour.
- ② Take a virtual tour
- ③ Complete the Virtual Tour Handout (follows Current Event Four handout later in this packet)

Examples:

Where should I take my tour? (pick one, and you can pick more specific locations within these countries/ cities if you like)

- A. Europe - London/ United Kingdom; Paris/France, Rome/Italy, Berlin/Germany, and Moscow /Russia,
- B. Southwest Asia - Mecca/Saudi Arabia, Jerusalem/ Israel/Tehran/Iran, Beirut/Lebanon, and Bagdad/Iraq,
- C. South Asia - Mumbai/India, Pakistan, Afghanistan,
- D. East and Southeast Asia - Beijing/China, Seoul/South Korea/Tokyo/Japan, Indonesia/Vietnam, and Malaysia,
- E. Africa - Cairo/Egypt, Nairobi/Kenya, South Africa, Libya, Sudan, and Nigeria, and
- F. Oceania - Australia and New Zealand.

Objectives.

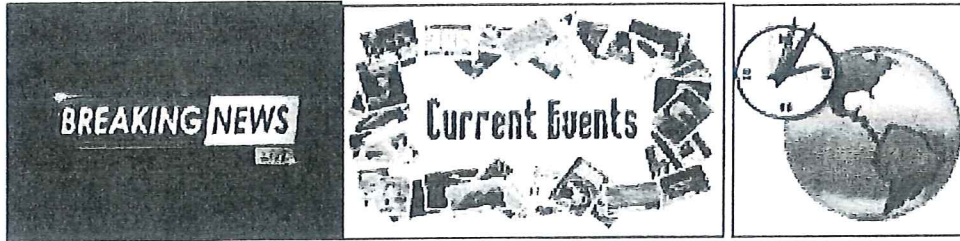
= To provide the opportunity to tour a specific place that a student may not get to experience otherwise.

- To be exposed to amazing places without leaving home
- To motivate learning
- To spark interest
- To explore the world and have remarkable experiences from home

Prepared May 2021 PMJ

The following pages are handouts for your **Current Events** and guidance for you **Virtual Tour**. (4 sheets for each of the 4 submitted **Current Events**), and **Virtual Tour**. One activity, the Menu, will be done on a separate page created by you.

Prepared May 2020 PMJ



Name: _____ Date: _____

Current EventOne

Is your Current Events a **World Event** (event that involves another country); **National Event** (event that occurs in the United States); **State Event** (event that happens in Oklahoma); or **Local Event** (event that happens in Tulsa and/or surrounding area)? *What type of event?*

What is the current event title?

What is the source of the current event article (newspaper, magazine, TV, websites, etc.)? Include date of the source.

Who is the article about?

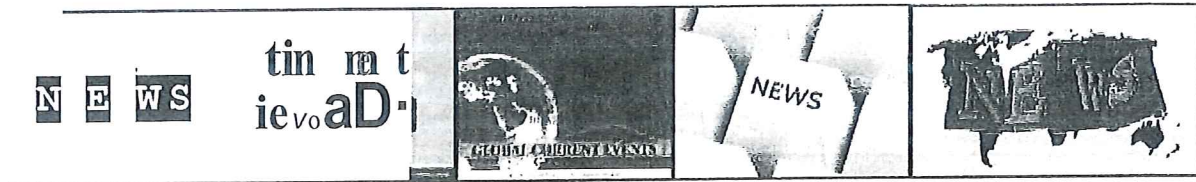
When does the current event take place?

Where does the article take place?

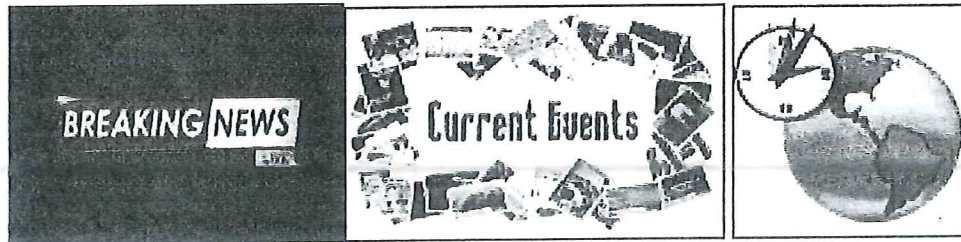
What is the article about (Summary)?

Why do you think this article is important?

What is your opinion about this event?



Prepared May 2020 PMJ



Name: _____ Date: _____

Current EventTwo

Is your Current Events a **World Event** (event that involves another country); **National Event** (event that occurs in the United States); **State Event** (event that happens in Oklahoma); or **Local Event** (event that happens in Tulsa and/or surrounding area)? *What type of event?*

What is the current event title?

What is the source of the current event article (newspaper, magazine, TV, websites, etc.)? Include date of the source.

Who is the article about?

When does the current event take place?

Where does the article take place?

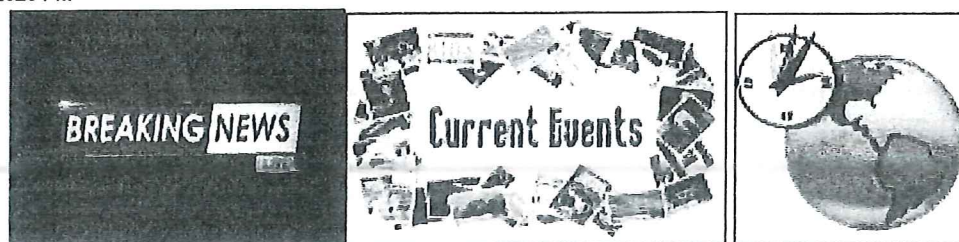
What is the article about (Summary)?

Why do you think this article is important?

What is your opinion about this event?



Prepared May 2020 PM



Name: _____ Date: _____

Current Event Three

Is your Current Events a **World Event** (event that involves another country); **National Event** (event that occurs in the United States); **State Event** (event that happens in Oklahoma); or **Local Event** (event that happens in Tulsa and/or surrounding area)? *What type of event?*

What is the current event title?

What is the source of the current event article (newspaper, magazine, TV, websites, etc.)? Include the date of the source;

Who is the article about?

When does the current event take place?

Where does the article take place?

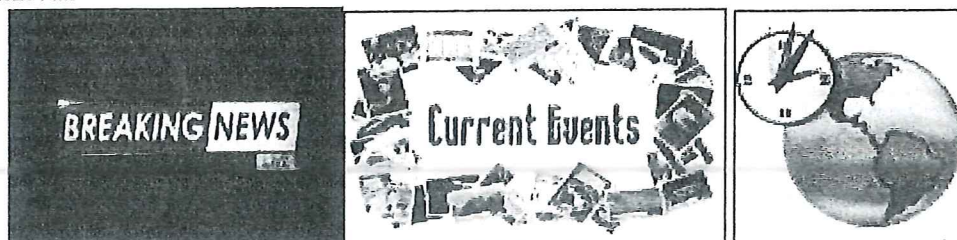
What is the article about (Summary)?

Why do you think this article is important?

What is your opinion about this event?



prepared May 2020 PMJ



Name: _____ Date: _____

Current Event Four

Is your Current Events a **World Event** (event that involves another country); **National Event** (event that occurs in the United States); **State Event** (event that happens in Oklahoma); or **Local Event** (event that happens in Tulsa and/or surrounding area)? *What type of event?*

What is the current event title?

What is the source of the current event article (newspaper, magazine, TV, websites, etc.)? Include date of the source.

Who is the article about?

When does the current event take place?

Where does the article take place?

What is the article about (Summary)?

Why do you think this article is important?

What is your opinion about this event?



Prepared May 2020 PMJ

Name: _____ Date: _____

Virtual Tour

Directions: Select a place you would like to visit and explore that you have not been. Look up this place as a virtual tour. Go on the tour. Then, answer the following questions. Answer the questions in complete sentences.

(1) Where did your virtual tour take you?

(2) What *did* you notice? (A minimum of 5 items)

(3) Have you ever seen anything like this before? Explain.

(4) Write about three experiences that you enjoyed about this tour?

(5) Draw or describe interesting things you saw on this tour?

(6) What are three questions or more questions that you would want to learn additional information from this tour?

(7) How would you rate this tour on a scale from 1 - 10? Ten is the highest. Would you recommend this place? Explain.

Prepared May 2021 PMJ

Carver Middle School

2021

Math Summer Packet

Please complete this Summer Math Packet
and turn it in on the first day of school to
your 7th grade math teacher. This
assignment will be for a grade.

If you Have any questions please email Mr.

Williams @ willike2@tulsaschools.org

Adding & Subtracting Decimals

1. Write the problem vertically, lining up the decimal points.
2. Add additional zeroes at the end, if necessary, to make the numbers have the same number of decimal places.
3. Add/subtract as if the numbers are whole numbers
4. Bring the decimal point straight down

ex: $14.2 - 7.934$

$$\begin{array}{r} 14.200 \\ - 7.934 \\ \hline 6.266 \end{array}$$

Multiplying Decimals

1. Write the problem vertically with the numbers lined up to the right. The decimal points do NOT need to be lined up.
2. Ignore the decimals and multiply as if the numbers are whole numbers.
3. Count the total number of decimal places in the factors and put a decimal point in the product so that it has that same number of decimal places.

ex: 6.94×7.8

$$\begin{array}{r} 6.94 \rightarrow 2 \text{ decimal places} \\ \times 7.8 \rightarrow 1 \text{ decimal place} \\ \hline 5552 \\ + 48580 \\ \hline 54132 \end{array}$$

3 decimal places

54.132

Dividing Decimals

1. Write the dividend under the long division symbol and the divisor to the left of it.
2. Move the decimal point in the divisor after the number to turn it into a whole number and then move the decimal in the dividend the same number of places. Then bring it up.
3. Divide as if the numbers are both whole numbers.
4. Annex zeros in the dividend as needed until there is no remainder. If your answer is a repeating decimal, write the answer using bar notation.

ex: $25.3 \div 0.3$

$$\begin{array}{r} 84.\bar{3} \\ 0.3 \overline{) 25.310} \\ \underline{-24} \\ 13 \\ \underline{-12} \\ 10 \\ \underline{-9} \\ 1 \end{array}$$

Order of Operations

1. Grouping Symbols (parentheses, brackets, etc.)
2. Exponents
3. Multiplication & Division (left to right)
4. Addition & Subtraction (left to right)

ex: $5 + 4(3 - 1.2)$

$$5 + 4(1.8)$$

$$5 + 7.2$$

$$\boxed{12.2}$$

Adding Fractions & Mixed Numbers

1. Find a common denominator for the two fractions.
2. Add the two numerators and keep the denominator the same.
3. Add the whole numbers.
4. Simplify the answer and/or change improper fraction answers to mixed numbers.

ex: $3\frac{3}{4} + 2\frac{1}{2}$

$$\begin{array}{r} 3\frac{3}{4} = 3\frac{3}{4} \\ + \quad 2\frac{1}{2} = 2\frac{2}{4} \\ \hline 5\frac{5}{4} = \boxed{6\frac{1}{4}} \end{array}$$

Subtracting Fractions & Mixed Numbers

1. Find a common denominator for the two fractions.
2. Subtract the two numerators and keep the denominators the same.
If the top numerator is smaller than the bottom numerator, borrow from the whole number and rename the top fraction.
3. Subtract the whole numbers.
4. Simplify the answer.

ex: $5\frac{1}{4} - 1\frac{2}{3}$

$$\begin{array}{r} 5\frac{1}{4} = 5\frac{3}{12} = 4\frac{15}{12} \\ - \quad 1\frac{2}{3} = 1\frac{8}{12} = 1\frac{8}{12} \\ \hline \boxed{3\frac{7}{12}} \end{array}$$

Multiplying Fractions & Mixed Numbers

1. Turn any mixed numbers and whole numbers into improper fractions.
2. Cross-simplify if possible.
3. Multiply the numerators and then multiply the denominators
4. Simplify the answer and/or change improper fraction answers to mixed numbers.

ex: $2\frac{1}{6} \cdot \frac{4}{7}$

$$\frac{13}{\cancel{6}^2} \cdot \frac{\cancel{4}^2}{7} = \frac{26}{21} = \boxed{1\frac{5}{21}}$$

Dividing Fractions & Mixed Numbers

1. Turn any mixed numbers and whole numbers into improper fractions.
2. Keep the first fraction the same, change the division to multiplication, and flip the second fraction to its reciprocal.
3. Multiply the fractions.
4. Simplify the answer and/or change improper fraction answers to mixed numbers.


ex: $7 \div 1\frac{3}{4}$

$$\begin{array}{r} 7 \div 1\frac{3}{4} \\ \downarrow \\ \frac{7}{1} \cdot \frac{4}{\cancel{3}^4} = \frac{4}{1} = \boxed{4} \end{array}$$

Ratios

Ratios are comparisons of two quantities.
There are 3 different ways to write ratios:

- Fraction ($\frac{A}{B}$)
- Colon (A:B)
- Word Form (A to B)

ex: write the ratio of triangles to circles
in 3 ways:  

$$\frac{4}{2} = \boxed{\frac{2}{1}, 2:1, 2 \text{ to } 1}$$

Ratios can be simplified just like fractions.

Rates & Unit Rates

Rates are ratios that compare quantities measured in different units.
A unit rate is a rate with a denominator of 1.

ex: express as a unit rate:
125 miles in 4 hours

To convert a rate to a unit rate:

1. Divide the numerator by the denominator
2. Either write your answer as a fraction with a label for the both the numerator and denominator OR as one number labeled with the first unit "per" the second unit

$$\frac{125 \text{ mi}}{4 \text{ hr}} \quad 125 \div 4 = 31.25$$

$$\boxed{\frac{31.25 \text{ mi}}{1 \text{ hr}} \text{ or } 31.25 \text{ miles per hr}}$$

Fractions, Decimals, & Percent

To convert a:

- Decimal to Percent: move the decimal point 2 places to the right
- Percent to Decimal: move the decimal point 2 places to the left
- Decimal to Fraction: write the decimal over the place value of the last digit and then simplify
- Fraction to Decimal: divide the numerator by the denominator
- Percent to Fraction: write the percent over 100 and then simplify
- Fraction to Percent: convert the fraction to a decimal and then convert the decimal to a percent

$$\text{ex: } 0.345 = \boxed{34.5\%}$$

$$\text{ex: } 7\% = \boxed{0.07}$$

$$\text{ex: } 0.008 = \frac{8}{1000} = \boxed{\frac{1}{125}}$$

$$\text{ex: } \frac{1}{5} = 5 \overline{)0.2} = \boxed{0.2}$$

$$\text{ex: } 45\% = \frac{45}{100} = \boxed{\frac{9}{20}}$$

$$\text{ex: } \frac{3}{10} = 0.3 = \boxed{30\%}$$

Percent of a Number

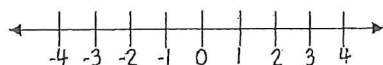
1. Turn the percent to a fraction or decimal.
2. Multiply the fraction/decimal by the number.

ex: Find 18% of 40

$$0.18 \cdot 40 = \boxed{7.2}$$

Comparing Integers

Integers are numbers without fractional parts. They can be positive, negative, or zero. The further right a number is on the number line, the greater it is.



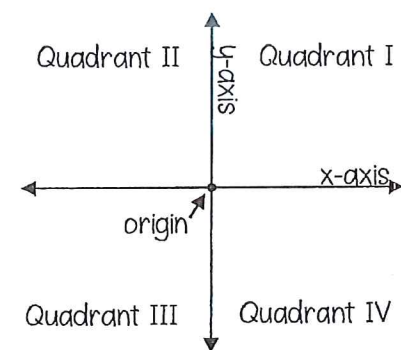
The absolute value of a number is the distance the number is from zero.

ex: compare with $<$, $>$, or $=$

-7 \bigcirc $|-9|$ \leftarrow The absolute value of $-9 = 9$

-7 $\boxed{<}$ 9

The Coordinate Plane

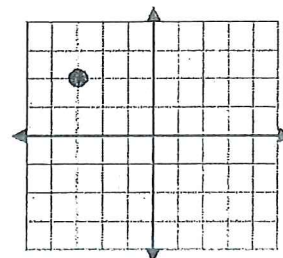


Ordered Pair: (x, y)

To graph a point on the coordinate plane, start at the origin. The first number in the ordered pair (the x-coordinate) tells you how far left (if negative) or right (if positive) to move. The second number (the y-coordinate) tells you how far up (if positive) or down (if negative) to move.

ex: Graph the point $(-3, 2)$ and state the quadrant in which it is located.

Start at the origin, and move LEFT 3 and UP 2



Quadrant II

Perimeter, Area and Volume

- Perimeter of Any Polygon: add all side lengths

ex: Find the perimeter & area:

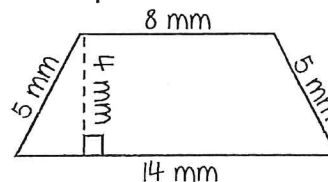
- Area of a Rectangle: $A = lw$

- Area of Parallelogram: $A = bh$

- Area of Triangle: $A = \frac{1}{2}bh$

- Area of Trapezoid: $A = \frac{1}{2}h(b_1 + b_2)$

- Volume of Rectangular Prism: $V = lwh$



Perimeter: $P = 5 + 8 + 5 + 14 = \boxed{32 \text{ mm}}$

Area: This is a trapezoid, so use the area of a trapezoid

formula: $A = \frac{1}{2}h(b_1 + b_2)$

The bases are the sides that are parallel, and the height is perpendicular to the bases.

$\rightarrow A = \frac{1}{2}(4)(8+14) = \boxed{44 \text{ mm}^2}$

Evaluating Algebraic Expressions

1. Substitute the given numbers for the variables
2. Evaluate the expression using the order of operations

ex: evaluate $x + 4y$ for
 $x = 4$ & $y = 6$

$$\begin{array}{l} 4 + 4(6) \\ 4 + 24 = \boxed{28} \end{array}$$

One-Step Addition & Subtraction Equations

- Addition Equations: Subtract the number being added to the variable from both sides of the equation

ex: $\begin{array}{r} 4 + x = 18 \\ -4 \quad -4 \\ \hline x = \boxed{14} \end{array}$

- Subtraction Equations: Add the number being subtracted from the variable to both sides of the equation

ex: $\begin{array}{r} 20 = a - 5 \\ +5 \quad +5 \\ \hline 25 = a \rightarrow \boxed{a = 25} \end{array}$

One-Step Multiplication & Division Equations

- Multiplication Equations: Divide both sides of the equation by the number next to the variable

ex: $\begin{array}{r} 7b = 28 \\ \div 7 \quad \div 7 \\ \hline b = \boxed{4} \end{array}$

- Division Equations: Multiply both sides of the equation by the number under the variable

ex: $\begin{array}{r} 5 \cdot \frac{n}{5} = 10 \cdot 5 \\ \hline n = \boxed{50} \end{array}$

Problem Solving

1. Read the problem. Identify the question that is being asked and the key information in the problem.
2. Plan how you are going to solve the problem and estimate the answer.
3. Solve the problem using the strategy of your choice.
4. Check your answer. Make sure your answer is reasonable and compare it to your estimate. Label your answer with appropriate units.

Evaluate each expression.

1. $5.983 + 2.99$	2. $224 - 56.73$	3. $6.12 - 4.923$
4. $24.5 \cdot 3.2$	5. $0.23 \cdot 7$	6. $3.86 \cdot 9.15$
7. $14.8 \div 5$	8. $46.3 \div 1.5$	9. $147 \div 2.25$
10. $24.33 - 2.5 \cdot 7$	11. $3.9 + 4.5^2$	12. $9.25(18.4 - 2 \cdot 1.2)$

Solve each word problem, showing all work.

13. Jeff had \$46.18 in his wallet Monday morning. He gave half of his money to his brother. He then bought two donuts for \$0.75 each and a cup of coffee for \$2.99. How much money did Jeff have left?	14. Five friends split a \$65.20 bill at a restaurant. They also each left \$2.75 for the tip. How much money did each person pay in all?
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Evaluate each expression.

15. $\frac{4}{5} + \frac{3}{4}$	16. $4\frac{2}{7} + 2\frac{9}{14}$	17. $8\frac{11}{12} + 9\frac{5}{18}$
18. $6 - \frac{3}{8}$	19. $8\frac{3}{5} - 2\frac{1}{3}$	20. $4\frac{1}{6} - \frac{8}{9}$
21. $\frac{4}{25} \cdot \frac{15}{16}$	22. $2\frac{3}{4} \cdot 8$	23. $6\frac{5}{8} \cdot 3\frac{1}{2}$
24. $\frac{7}{9} \div \frac{2}{3}$	25. $\frac{4}{5} \div 10$	26. $5\frac{2}{3} \div 2\frac{5}{6}$

Solve each word problem, showing all work.

27. Jaimie ran $3\frac{1}{2}$ miles on Monday. She ran half as far on Tuesday as she did on Monday. How far did Jaimie run in all on Monday and Tuesday?	28. A $5\frac{1}{2}$ quart pot is filled $\frac{2}{3}$ of the way with water. How many more quarts of water can the pot hold?
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Write each ratio in 3 ways.

29. A bank contains 15 pennies and 12 nickels. Write the ratio of nickels to pennies.	30. A bowl contains 6 apples and some bananas. If there are a total of 10 pieces of fruit, find the ratio of apples to bananas.
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Convert each rate to a unit rate.

31. \$4.25 for 64 fluid ounces	32. 297 miles on 11 gallons of gas	33. 124 feet in 10 seconds
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Complete the chart by converting each number to a percent, fraction, and/or decimal.

Fraction	Decimal	Percent
34. $\frac{3}{8}$		
35.	0.45	
36.		72%
37.	0.1	
38. $\frac{3}{200}$		

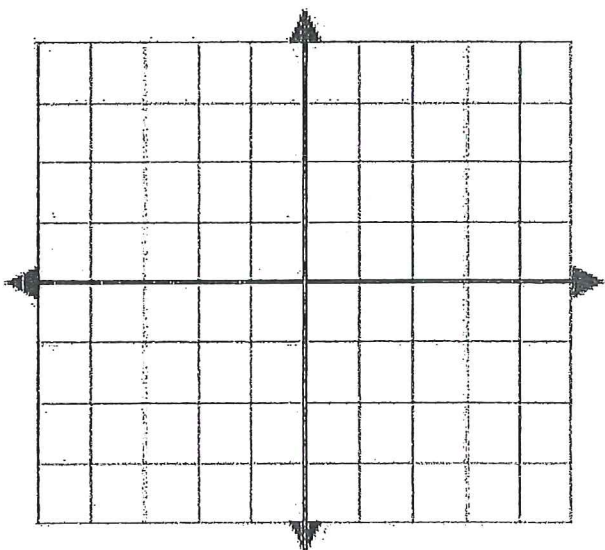
Find each percent of a number.

39. 30% of 90	40. 15% of 38	41. 50% of 86
42. 75% of 160	43. 24% of 35	44. 2% of 74

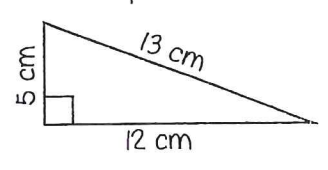
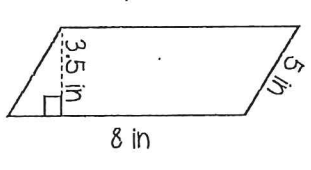
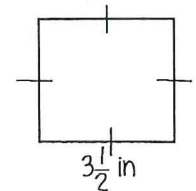
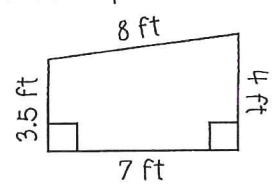
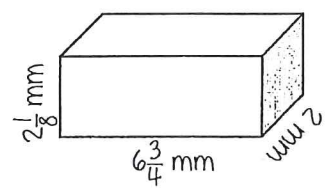
Compare the integers with $<$, $>$, or $=$.

45. $-4 \bigcirc -5$	46. $2 \bigcirc -2$	47. $ -5 \bigcirc 5 $	48. $-7 \bigcirc 6$	49. $-13 \bigcirc -9$
50. $ -7 \bigcirc -6$	51. $-17 \bigcirc -14$	52. $ -3 \bigcirc -2 $	53. $0 \bigcirc -6$	54. $ -4 \bigcirc 6 $

Graph and label each of the ordered pairs in the coordinate plane. Then state the quadrant or axis in/on which the point is located.

55. A(2, 4)	56. B(0, -3)	
57. C(1, -1)	58. D(3, 3)	
59. E(-4, 1)	60. F(2, 0)	
61. G(-3, -2)	62. H(-2, 3)	
63. I(0, 2)	64. J(-1, -4)	

Find the perimeter, area, and/or volume of the given figure.

<p>65. Find the perimeter & area:</p> 	<p>66. Find the perimeter & area:</p> 	<p>67. Find the perimeter & area:</p> 
<p>68. Find the perimeter & area:</p> 	<p>69. Find the area of a square with a perimeter of 45 cm</p>	<p>70. Find the volume:</p> 

Evaluate each expression for $a = 5$, $b = 12$, $c = 10$, & $d = 2$.

71. $2b - a$	72. $d(ab - c)$	73. $3 + \frac{b}{a}$
74. $\frac{4a}{b + 4d}$	75. $2a^2 - c$	76. $b - c + d$

Solve each one-step equation.

77. $g + 3 = 17$	78. $r - 6 = 7$	79. $6b = 18$	80. $\frac{h}{q} = 3$
81. $5 = f - 8$	82. $48 = 12b$	83. $a + 24 = 83$	84. $17 + x = 23$
85. $10 = \frac{m}{5}$	86. $86.5 = f - 7.63$	87. $\frac{n}{6} = 11$	88. $\frac{3}{4}h = 12$

Solve each word problem using the method of your choice.

89. A fencing company charges \$22 per foot to install a wood fence. How much will it cost to install a wood fence around a rectangular pool area that is 20 feet wide and 38 feet long?

90. A 6 inch-tall plant grew $\frac{3}{4}$ of an inch one week and twice as much the following week. How tall is the plant now?

91. Jack can read 45 pages of his book in one and a half hours. At that rate, how long will it take him to read the entire 300-page book?

92. Brian ordered 3 large cheese pizzas and a salad. The salad cost \$4.95. If he spent a total of \$47.60 including the \$5 tip, how much did each pizza cost? (Assume there is no tax).

93. A cookie recipe calls for $3\frac{1}{4}$ cups of flour. The recipe makes 3 dozen cookies. How much flour is needed to make 144 cookies?

94. Ella has a box of chocolate candies. She gives $\frac{1}{3}$ of the candies to her sister, $\frac{1}{4}$ to her brother, and she eats the remaining 12 candies. How many chocolate candies were in the box originally?

Solve each word problem using the method of your choice.

95. 20% of the 520 students in Wendover Middle School were involved in school sports. Of those students, 12.5% were on the wrestling team. How many students were on the wrestling team?

96. A piggy bank contains some dimes and nickels. There are 8 more dimes than nickels in the bank. There is a total of \$1.40. How many of each type of coin are in the bank?

97. An elevator in a tall building goes up 7 floors, then down 9 floors, down 4 floors, up 8 floors, and down 2 floors. Now it is on floor 14. On what floor did the elevator start?

98. Jenna danced for 3 hours on Sunday, 2 hours on Monday and Tuesday, 1 hour on Thursday, 1.5 hours on Friday, and 2 hours on Saturday. She did not dance at all on Wednesday. What is the average number of hours she danced each day? Round your answer to the nearest tenth of an hour.

99. Jackie makes \$15.25/hour babysitting. George makes \$18.50/hour mowing the lawn. If Jackie babysits for 4 hours and George mows lawns for 3 hours, who makes more money? How much more does he/she make?

100. A box of 8 crayons costs \$0.96. How much does each crayon cost? At that unit price, how much would a box of 30 crayons cost?

Carver Middle School

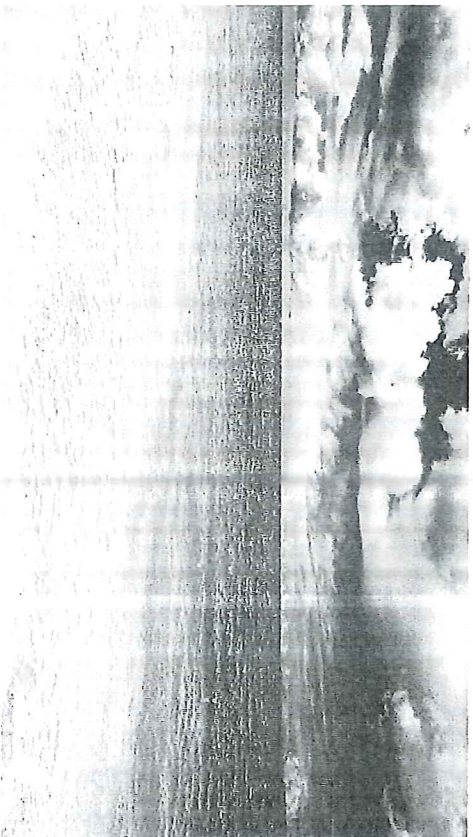
7th grade Science Summer Packet

(This packet will be due on the second day of school for a grade)

Instructions:

Choose at least 3 activities from the list below. Write down the title of the activity you chose and take pictures and keep a written or typed record of what you did in each activity. (30pts)

- 1. Map the weather:** Keep a running log of the weather. Include temperature, humidity, clouds, precipitation, wind, air pressure. Can you predict what the weather will be tomorrow?
- 2. Invent a recipe** for a summer drink and share it with your friends. For example, the Citrus Sizzler: 1/2 cup Sprite, 1/2 cup pineapple juice, 1 spritz lime juice.
- 3. Museum gallery:** Collect pinecones, rocks, shells, or other natural objects to organize, categorize, and label. Present your own natural history museum.
- 4. Hot-weather inventor:** Design an invention that you can use during summer. Some ideas: sunglasses that change color from red to yellow to blue, or a new beach toy.
- 5. Answer a question:** How long does it take an ice cube to melt outside in the summer heat? In the refrigerator? In an air-conditioned room?
- 6. Float or sink:** In a pool or the bathtub, hypothesize which items (soap, dry sock, bottle of shampoo, rock, etc.) will float or sink. Test your hypotheses.



SUMMER READING

HOPE YOU'RE ENJOYING
YOUR SUMMER

Show off your summer reading book
with this fun project that you will
present to the class.

Ms. D'Juania Smith
English/Language Arts

Summer Reading Assignment



As you're enjoying your kick off to summer 2021, each of you selected 3 books from the selected book list to read this summer. I am sure you made some interesting selections, and I am looking forward to reading and hearing about them.

The Summer Book List:

Mandatory read

Red scarf girl / Author Ji-li Jang found in Amplify library Pre test is given in class

Pride / Author-Ibi Zoboi pretest will be available in Canvas.

You pick for project

Fiction

Ghost Boys / Author-Rhodes, Jewell Parker

Genesis Begin Again/ Author-Williams, Alicia

Nightbooks / Author-White, J. A.

The Prince and The Dressmaker / Author- Wang, Jen

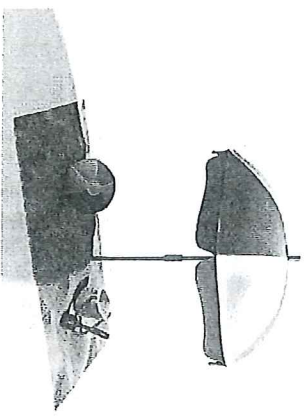
For your summer reading project this year, you will design a book jacket to represent your reading choice. Your project should include a new and original cover design, 3 quotes from each book and an explanation of how it is important to the story, a character analysis of one of the main characters, and a short review.

This project will be worth 100 points.

You will be graded according to the following criteria:

For your final project, be sure to follow the **conventions of standard English**—spelling, capitalization, punctuation, usage, and sentence structure. Make sure that each component of your project shows your thoughtful analysis of the novel. Do not wait until to last minute to complete the work. Points will be deducted for mistakes. Each of the following categories will be graded for conventions and quality of ideas.

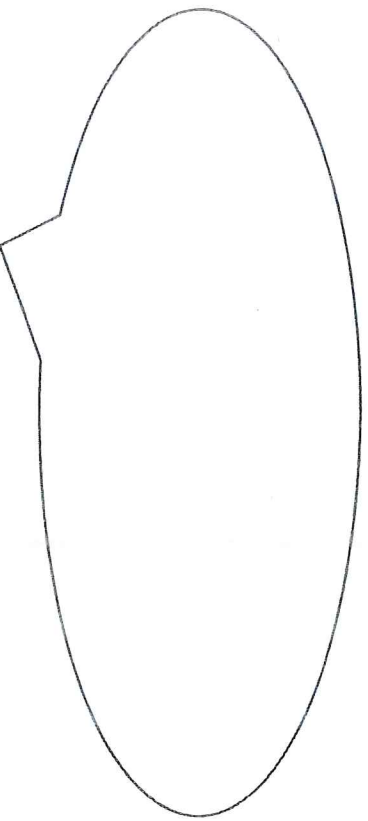
- ___/20 graphic organizer
- ___/20 cover design
- ___/20 essential quote
- ___/20 characters detail
- ___/20 plot summary



Summer Reading Assignment



Back Cover	Front Cover Design Depicting Setting
<p>Plot Summary—Intrigue your reader. (Think about the things a publisher would write on the back cover to help sell the book.)</p>	<p>Title _____</p> <p>Author _____</p>
	<p>Hand-drawn depiction of favorite scene. (You do not have to be an artist. Just do your best. Use the space below to sketch out your idea. Be neat and colorful. Include title and author!)</p>



Inside Cover (Left)

Quote that relates to one of the major themes (messages/lessons) from the story and **page number**.

Why is this quote important or meaningful?

Inside Cover (Right)

Character _____

Trait _____

One-Sentence Example _____

Summer Reading Assignment





Summer Reading *Summer Reading Project* 200 Points



Book Trailer Assignment

What is a book trailer? A "trailer" is a brief video synopsis of a book or movie, designed to entice viewers to see the entire work. Your job is to create a Book Trailer for the novel your group read for independent reading.

Assignment Description:

With your group, you will be responsible for creating a book trailer. Your book trailer should include:

- brief introduction to setting, main characters
- brief synopsis of story, or exciting scene
- use of images, sound, video
- a leading question for the viewer to ponder (possibly entice them to read the book!)
- overall time of trailer (1-2 min)

Overview

The best way to start is by watching other book trailers. They can be found by performing a search on YouTube, or by visiting author's websites (although, of course, not all books have trailers).

As you watch the trailers keep note of which trailers really stand out, and what makes them so captivating. Would this trailer entice you to go out and buy the book or see the movie? Why?

Summer Reading Assignment



Creating:

Using one of the technologies below (or one of your choice) create your book trailer. Of course, many book trailers incorporate video. However, that is both more time consuming and more difficult to accomplish.

Many persuasive book trailers are very effective using only images and words!!

You can certainly create a video is you feel up to it but, for a basic trailer, all that's necessary is a timed slideshow arranged so that the phrases line up accordingly with the images using a source such as Google Presentations (log into colonial.net google and "create new" presentation) or Keynote (found in applications on your mac).

Other options include:

iMovie (you can find in application on your mac)

Stupefix (click on link)

Prezi (online presentation tool found on Learning Commons website)

Sliderocket (online presentation tool found on Learning Commons website)

Student name: _____

Book trailer rubric

Summer Reading Assignment



Category	4(200)	3(150)	2(100)	1(50)	Your score
Hook	Hook grabs the attention of viewer and keeps it.	Hook grabs the attention of the viewer.	Hook does not grab viewer's attention.	There is no hook OR plot is completely revealed, not allowing for suspense. Viewer does not need to read the book because the trailer told them the entire story.	
Story	Story includes hook, characters, setting, and a hint at the problem/challenge, and a closer.	Story includes most story elements but not all (4 out of 5).	Story only includes some story elements (3 out of 5).	Story has only 1-2 story elements.	

Text	Text matches with the images and story being told.	Text matches with the images most of the time and story being told.	Text does not consistently match up with images and story being told.	Text does not relate to images or story being told.	
Images	Images were carefully chosen to represent elements of the story. Trailer chosen matches book genre.	1-2 images were not carefully chosen/appropriate. Trailer chosen matches book genre.	More than two images do not relate to other elements of trailer. Trailer is not the best match for the genre of book.	None of the images correlate with other elements of trailer. Trailer does not match the genre of the book.	
Mechanics: Spelling, grammar, and punctuation.	No mistakes.	A couple minor mistakes.	Several mistakes.	Numerous mistakes.	
Additional comments:					Total score:

Be prepared to present your project.

CARVER MIDDLE SCHOOL

WORLD LANGUAGES DEPARTMENT SUMMER ENRICHMENT ACTIVITY

Overview: The study of World Languages at Carver Middle School is dynamic and vibrant! We believe all languages are alive and engage in daily activities in the classroom. As you prepare for the summer break, you will be **required** to continue engaging in the language(s) you are currently pursuing at school during this time. Please refer to this sheet as you get ready to complete your summer exposure activities.

Academic Honesty: The completion of summer language exposure activities is a requirement for all students of World Languages at Carver Middle School. We adhere to our Academic Honesty guidelines and trust students' good will and sincerity to complete this requirement.

Assignment:

Entering Level 1	Entering Level 2	Entering Level 3
1 activity *Response not expected to be in the target language.	2 activities	2 activities

Pick from the options listed below and be ready to talk (an oral presentation in class) and/or write (journal entry/composition) about your chosen activities during the opening weeks of school.

Options

Watch	Read	Listen	Speak	Write	Do
An original feature film in your language and present a response. You may talk about the major themes, storyline, language, cultural insights you may have gained, or your general impressions	Magazine or newspaper articles in your target language. Be ready to summarize the articles and present your own thoughts about both of them. (include the names of the publications, the	To music and/or newspaper articles in your target language. Be ready to summarize the articles and present your own thoughts about both of them. (Include the names	Call a friend who speaks the language you're studying. Talk to a person in your community or around you who is a native speaker of that language. Snap a picture! Be ready to show and tell.	If you travel to a country where your language of study is spoken keep a journal of your trip. What are some of your early impressions of the culture? Did you attempt to immerse	Play a game representative of the cultures linked to your language of study. Come ready to share what you learned, instructions on how to play and explain what you

of the movie. (Include the title of the movie and the year.)	titles of the articles and the dates of the publications.)	of the publications and the titles of the articles and the dates of the publications.)		yourself in the language? How so? What did you learn from that total immersion experience?	liked/disliked about the game.
A one-hour TV program in the target language! Comment on the story, themes, acting, how much you could understand, any cultural insights, how it compares with American TV, etc. (Include the name of the program and the date)	A short story in the target language! Respond to the themes, plot, characters, etc. (If you think you'd like this option, you can ask your teacher for some stories before the end of school.)	To one week's worth of radio news (one hour total). Comment on the content, how much you could understand, any cultural insights	Go to an authentic market and make a purchase in the target language	Make a photo album of your favorite summer adventure! Write captions to the pictures in the target language!	Switch the language on the ATM Machine! Switch to your language of study when using the ATM machine! Come ready to report to class on how it went.
Visit an art exhibit! Comment on themes, styles, and your impressions of the works. (Include where you saw the works and some of the titles of the pieces.)	Read the instructions on how to use or operate a product in the target language. Share with your class how you were able or not to follow the directions.	Listen to a podcast in the target language. (Include the name of the program and the date)	Make an oral diary entry of your favorite summer activity. (Include the name of the program and the date)	Do a crossword puzzle in the target language or create your own online!	Use the self-checkout aisle at the supermarket and switch the language!