

Summer Enrichment  
English Language Arts

Dear 5-8th grade students/families,

Over the course of your summer activities, I hope you take time to regroup, refresh, and relax. This is essential for success so that your brain, body, and mind are all on the same page when we get back into the classroom in August.

However, it is also a valuable time for relaxed, casual, interest-based learning. That is where your summer enrichment will come in...

### What you will have to do for ELA over the summer...

- **Choose one book of choice to read**
  - Fill out book questions, relating to the book you chose (see next page)
  
- **Complete Free Writes** (directions on the next page)  
*(These are to be completed either on looseleaf and stapled together OR in your ELA composition book that you will need for next school year)*
  - Upcoming 5th graders (please see the next page for guidelines)
    - 2 free writes
  - Upcoming 6th graders
    - 3 free writes
  - Upcoming 7th graders
    - 5 free writes
  - Upcoming 8th graders
    - 6 free writes

These enrichment activities are not meant to be a burden on your summer, rather I invite you to see them as an exploration of your interests. Only choose a book that you enjoy based on your personal interests. As for the free writes, only write about topics that matter to you. We will share these assignments during the first week of school, so being prepared for this shows me a lot about you!

Happy reading and writing,

Ms. Bauer

## Free Write Rules:

- You must write for 10 minutes straight
- You can write just about anything you want
- If you are doing a creative writing entry



(Ex: poetry, songs, letters, speeches, lists, you still must write for ten minutes.

- You may switch topics in the middle of your write
- Please reference the following links for sample writing prompts (You do not need to choose one below, but they are here to help draw inspiration for writes)
  - <https://thinkwritten.com/365-creative-writing-prompts/>
  - <https://dailypost.files.wordpress.com/2013/12/365-days-of-writing-prompts-1387477491.pdf>

## Summer Reading Book Thoughts

Your Name:

Book title:

Author:

What genre does your book belong to? (Fiction, non-fiction, mystery, romance):

Please answer the following questions in 1-2 paragraphs. You may write on the back of this paper (neat handwriting please!) These will be shared out loud at the start of the 2018-2019 school year through a discussion circle.

- Why did you choose your book?
- Did you like it or dislike it? Why or why not?
- How did you feel when you were reading it?
  - Ex: "At times, I felt nervous during the mystery novel because many scenes gave hints, but never told me who the murderer was!"
- How do you feel about reading? Like, dislike, neutral?

Name: \_\_\_\_\_

Turn into your math teacher  
on the first day of school.

This is for a  
grade.

# 6th GRADE SUMMER MATH REVIEW PACKET

Make sure you  
SHOW ALL YOUR WORK.

Each question is worth 2 points.

<p><math>5 \times (4 + 2) + 2 = ?</math></p>	<p>True or false: Removing the parentheses from <math>(18 - 8) \times (4 + 2)</math> will change the result.</p> <p>a) True</p> <p>b) False</p>
<p>What is the first operation to use to simplify the expression?</p> <p><math>3,500 \div (34 + 8 \times 2) - 4</math></p> <p>a) +</p> <p>b) -</p> <p>c) <math>\times</math></p> <p>d) <math>\div</math></p>	<p><math>5(3 + 4) = ?</math></p>

<p>Which expression means the same as the phrase below?</p> <p>Subtract 3 from the product of 8 and 5</p> <p>a) <math>(5 \times 8) + 3</math></p> <p>b) <math>(5 \times 8) - 3</math></p> <p>c) <math>5 \times (8 - 3)</math></p> <p>d) <math>5 \times (8 + 3)</math></p>	<p>Which expression represents: "thirty-eight less than the sum of forty and nineteen"?</p> <p>a) <math>38 - 40 + 19</math></p> <p>b) <math>38 - (40 - 19)</math></p> <p>c) <math>19 + (40 - 38)</math></p> <p>d) <math>(40 + 19) - 38</math></p>
<p>Which is an expression that represents multiplying twice the difference of 9 and 7?</p> <p>a) <math>(9^2 + 7) \times 2</math></p> <p>b) <math>2 \times (9 - 7)</math></p> <p>c) <math>7^2 + 9</math></p> <p>d) <math>(9 \times 2) + (7 \times 2)</math></p>	<p>Describe this expression in words:</p> $6 \times 8 \div (2 + 4)$
<p>What would be the next number in the pattern?</p> <p>12, 24, 36, 48, 60, ____</p> <p>a) 68</p> <p>b) 78</p> <p>c) 70</p> <p>d) 72</p>	<p>Sam and Kelly create number patterns. In Sam's pattern, Term 1 is 1 and the rule is "add 5". In Kelly's pattern, Term 1 is 2 and the rule is "multiply by 2". For which term in the patterns do Sam and Kelly get the same result from their rules?</p>

$1 - (9 - 4) \div 5 = ?$	<p>Identify whether the statements are true or false.</p> <p><math>0.600 = 0.6300</math>. _____</p> <p><math>1.4000 = 1.400</math>. _____</p> <p><math>0.940 = 0.9400</math>. _____</p>
<p>In which number does the 5 represent a value 10 times the value represented by the 5 in 35,187?</p> <p>a) 117,568</p> <p>b) 247,351</p> <p>c) 325,827</p> <p>d) 453,362</p>	<p>Think of the number 136.25. In a different number, the 6 represents a value which is one-tenth of the value of the 6 in the original number. What value is represented by the 6 in the new number?</p> <p>a) Six hundredths</p> <p>b) Six tenths</p> <p>c) Six ones</p> <p>d) Six tens</p>
<p>Identify the place value of the 9 in each number.</p> <p>76.94. _____</p> <p>492.725 _____</p> <p>39.40. _____</p> <p>827.491. _____</p>	<p>Which number(s) have a 5 that is 10 times the value of the 5 in 13.725?</p> <p>a) 5.368</p> <p>b) 12.459</p> <p>c) 57.31</p> <p>d) 6.508</p> <p>e) 4.315</p> <p>f) 7.65</p>

Which of the following numbers is equivalent to  $10^3$ ?

- a) 100
- b) 10,000
- c) 1,000
- d) 100,000

Which expression is equivalent to 100,000?

- a)  $10^4$
- b)  $10^5$
- c)  $10^6$
- d)  $10^7$

$0.965 \times 10^2 = ?$

Finish the pattern.

$$\begin{aligned} 8 \times 10^0 &= 8 \\ 8 \times 10^1 &= 80 \\ 8 \times 10^2 &= 800 \\ 8 \times 10^3 &= 8000 \\ 8 \times 10^7 &= ? \end{aligned}$$

- a) 80,000
- b) 800,000
- c) 8,000,000
- d) 80,000,000

How is the number five thousands and eighty-five thousandths written in decimal form?

$8 \times 100,000 + 2 \times 10,000 + 4 \times 10 + 5 \times \frac{1}{100} = ?$

<p>Compare using <math>&lt;</math>, <math>&gt;</math>, or <math>=</math>.</p> <p>30.030 _____ 30.03</p>	<p>List from greatest to least:</p> <p>3.6, 3.5, 3.2, 4.3, 3.7</p>
<p>Round 21.908 to the nearest hundredths.</p>	<p>Round these decimals to the nearest tenth:</p> <ul style="list-style-type: none"><li>a) 3.265</li><li>b) 3.213</li><li>c) 3.285</li><li>d) 3.291</li><li>e) 3.244</li></ul>
<p>Round 73.24 to the nearest tenth.</p>	<p>Sara rounded a number to the nearest whole number and got 7. Which number could be the number Sara rounded?</p> <ul style="list-style-type: none"><li>a) 7.3782</li><li>b) 7.6581</li><li>c) 7.9275</li><li>d) 8.3497</li></ul>



$216 \times 23 = ?$	Multiply $345 \times 86$ in two different ways.
Cathie made 35 copies of a 12 page storybook. How many pages does Cathie have in all?	Each answer in a test is worth 15 points. If a student answered 48 questions correctly, how many points did the student score?
$1,536 \div 24 = ?$  a) 57  b) 64  c) 65  d) 68	Each ticket for a concert cost \$14. The total amount of ticket sales for the concert was \$8,792. How many tickets were sold?  a) 556  b) 628  c) 793  d) 858

$600 \div 25 = ?$

a) 22

b) 24

c) 26

d) 28

$3116 \div 76 = ?$

$9.43 + 7.6 = ?$

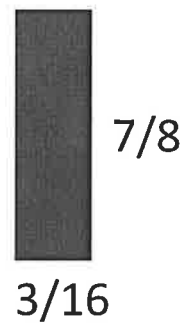
$235.48 - 12.7 = ?$

Clarke ran for 2.8 miles on Sunday, 2 miles on Monday, and 3.7 miles on Tuesday. What is the total distance that Clarke ran?

If each brick weighs 2.81 kilograms, what is the weight of 15 bricks?

Subtract:  $\frac{2}{3} - \frac{5}{8}$

What is the area, in square inches, of a rectangle with the dimensions shown in the diagram below?



Deb has a board that measures 5 feet in length. How many  $\frac{1}{4}$  foot long pieces can Deb cut from the board?

- a) 1
- b) 9
- c) 10
- d) 20

The fraction  $\frac{24}{5}$  lies between which two whole numbers?

- a) 3 and 4
- b) 2 and 3
- c) 4 and 5

Katie and Tyler are working at their lemonade stand. An hour ago, their pitcher of lemonade was  $\frac{7}{8}$  full. Since then, they have sold  $\frac{1}{2}$  of a pitcher of lemonade. What fraction of a pitcher do they have left?

You are baking a cake. The recipe asks for  $\frac{3}{5}$  cup of butter and you want to make  $\frac{1}{5}$  of the original recipe. How many cups of butter will you need?

Is  $20 \times \frac{2}{1}$  greater than 20?

- a) Yes
- b) No, less than
- c) No, equal to

Michelle is 52 inches tall. Her father is 6 feet 3 inches tall. Exactly how many more inches tall is Michelle's father than Michelle?

- a) 11
- b) 13
- c) 23
- d) 25

Convert

4 yards 2 feet = \_\_\_\_\_ feet

Which is greater, 2 yards or 40 inches? Why?

2,652 milligrams = \_\_\_\_\_ grams

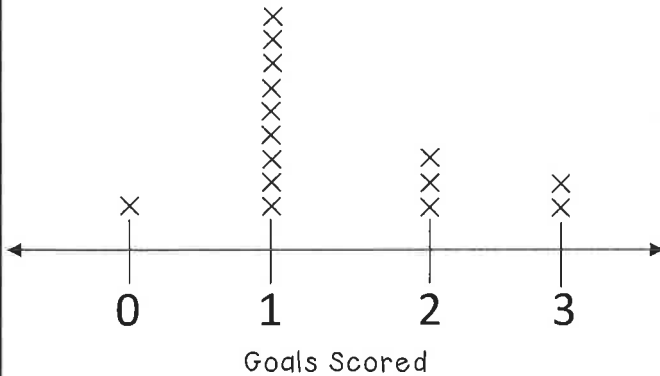
Ana recorded the time she spent at soccer practice to the nearest  $\frac{1}{4}$  hour for 15 days. Her results are shown below. Make a line plot to display Anna's data over the 15 day period.

M	T	W	TH	F
$2 \frac{1}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	2	$1 \frac{1}{2}$
$2 \frac{3}{4}$	$2 \frac{1}{2}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$2 \frac{1}{4}$
$1 \frac{3}{4}$	$2 \frac{1}{2}$	2	$1 \frac{3}{4}$	$1 \frac{3}{4}$



The soccer coach looked up how many goals his team members scored last season.

Soccer Goals Last Season



How many team members scored fewer than 2 goals last season?

- a) 3
- b) 1
- c) 10
- d) 13

Create a line plot based on the data:

Scores in a Card Game	
Scores	Number
4	5
6	6
7	1
8	9
9	7
10	2



How many people scored at least 8?

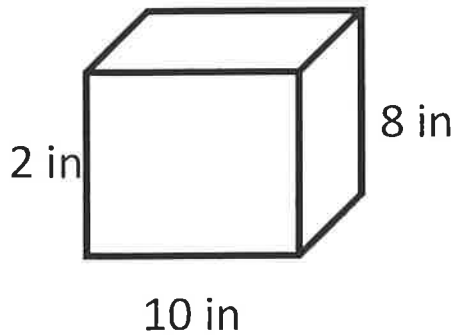
The fifth graders at Avon Park Elementary were given 6 minutes to run as far as they could. Here are the results:

$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$
$\frac{1}{4}$	$\frac{3}{8}$	$\frac{5}{8}$
$\frac{3}{4}$	$\frac{3}{8}$	$\frac{5}{8}$
$\frac{5}{8}$	$\frac{5}{8}$	$\frac{1}{4}$
$\frac{3}{8}$	$\frac{3}{4}$	
$\frac{1}{2}$	$\frac{5}{8}$	

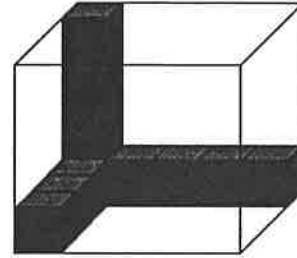
Create a line plot of the data from Avon Park Elementary:



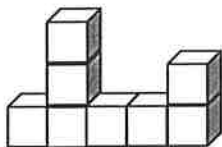
Find the volume:



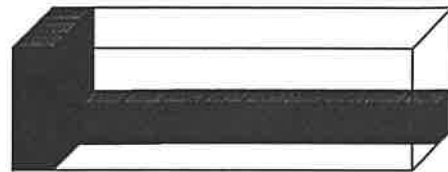
What is the volume of the rectangular prism in cubic units?



If the side of each cube is 1 m, what is the volume of this shape made of cubes?

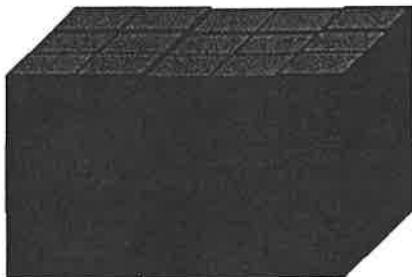


The right rectangular prism represented below is partially filled with 1-inch cubes with no gaps or overlaps. What is the volume, in cubic inches, of the rectangular prism?



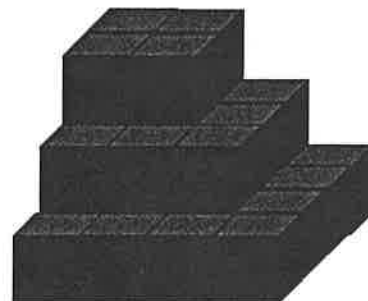
- a) 27
- b) 72
- c) 81
- d) 90

What is the volume, in cubic centimeters, of the figure below?



- a) 15
- b) 24
- c) 30
- d) 45

Brent was building steps up to the door of his house. A picture of the steps is shown below. Each block represents  $1 \text{ ft}^3$  of concrete. How much concrete would Brent need to make these steps?



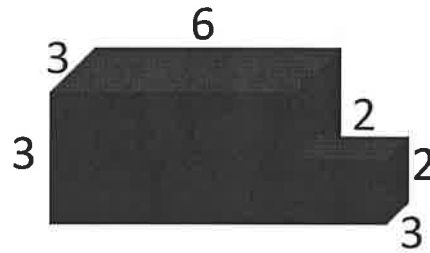
Find the volume:

Length: 6

Width: 2

Height: 2

The solid below is made from two non-overlapping right rectangular prisms. What is the volume of the solid?



- a) 28
- b) 55
- c) 66
- d) 72

A prism has 4 layers. Each layer contains 10 unit cubes. What is the volume? (draw a picture to help you solve)

- a) 50 cubic units
- b) 30 cubic units
- c) 40 cubic units
- d) 20 cubic units

Plot the points on a coordinate plane.

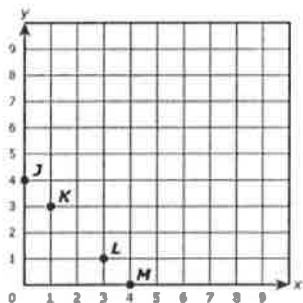
A (5, 5)

B (7, 3)

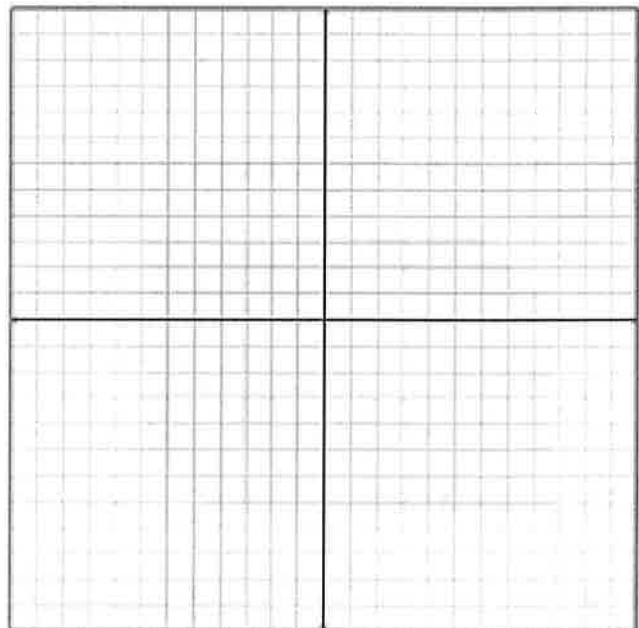
C (9, 5)

D (4, 6)

Which plot on the graph has coordinates of (1, 3)?

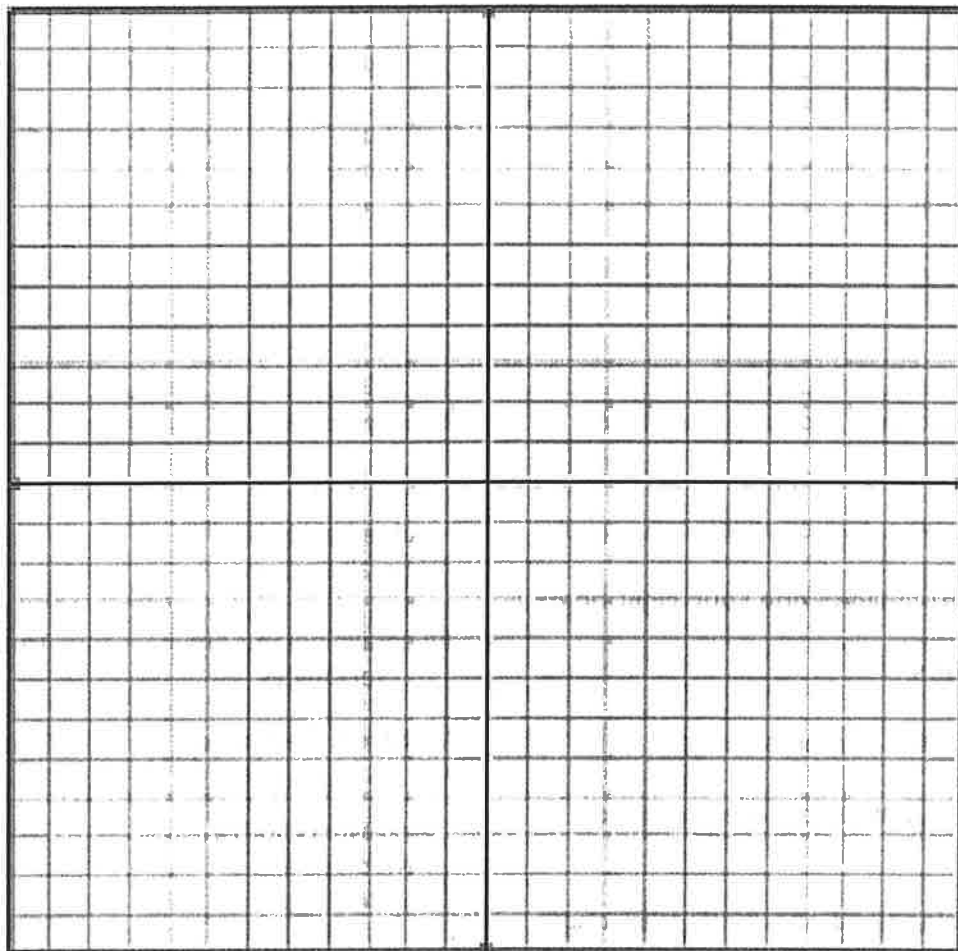


- a) Point J
- b) Point K
- c) Point L
- d) Point M

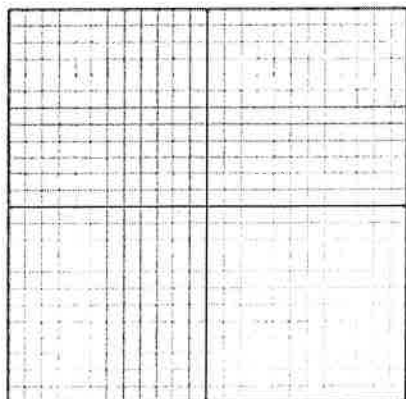


Plot these points on the coordinate plane:

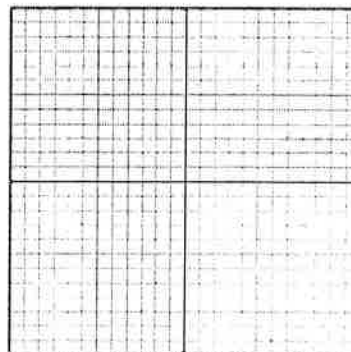
$(4, 1)$   $(1, 1)$   $(-3, 2)$   $(1, 4)$   $(-2, 3)$   $(2, -3)$




If Tom started at  $(3, 10)$ , and then moved left 1 unit and down 3 units, where did he end up?



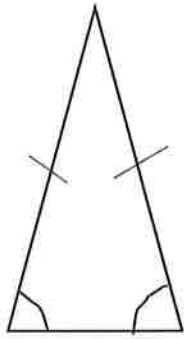
You start at  $(9, 2)$ . You move down 2 units. What is the y-coordinate of the point where you end?



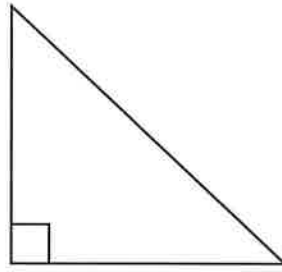


<p>Which word describes this shape?</p>  <p>a) Parallelogram b) Square c) Quadrilateral d) rectangle</p>	<p>Which of the following conditions must be met for a quadrilateral to be a square?</p> <p>a) It has four right angles. b) It has four equal sides. c) It has two sets of parallel sides. d) It has four equal sides and four right angles.</p>
<p>Identify the following shapes, given their properties.</p> <p>a) Has three sides, two of which are equal b) Has four equal sides and four right angles c) Has five sides d) Has three sides and no sides are equal e) Could be a rhombus, parallelogram, or square f) Has three sides and one 90 degree angle</p>	<p>True or false</p> <p>All rectangles are parallelograms      True False</p> <p>All parallelograms are rectangles      True False</p> <p>All rhombi are squares      True False</p> <p>A square is both a rhombus and a rectangle      True False</p> <p>A kite is sometimes a parallelogram      True False</p>
<p>Define:</p> <p>Regular polygon:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Irregular polygon:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>All quadrilateral are trapezoids      True False</p> <p>Some rectangles are squares      True False</p> <p>A rhombus is never a rectangle      True False</p>

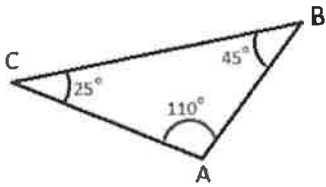
Identify:



Identify:



What kind of triangle is this?



- a) Acute triangle
- b) Obtuse triangle
- c) Right triangle
- d) Equilateral triangle

Draw an acute triangle.

Draw an equilateral triangle.

Draw a scalene obtuse triangle.