


Dear Mercymount Families,


Research spanning 100 years has proven that students lose ground academically when they are out of school for the summer- a phenomenon known as “the summer slide.” Here are some facts about this achievement gap:

- When no work is done over the summer, it can take up to **2 months** from the first day of school for students’ brain development to get back on track.
- Teachers spend an average of **4-6 weeks reteaching** material that students have lost during the summer.
- Failing to read over the summer results in an academic loss equivalent of **2.6 months** of reading skills. Similar statistics apply to math as well.
- Third graders who can’t read on grade level are **4 times less likely to graduate** by age 18 when compared with proficient readers.
- A study conducted at Harvard’s Center for Evaluation found that reading **4 or 5 books** over the summer months had an impact on fall reading achievement comparable to attending summer school.
- **2-3 hours per week (20 minutes a day)** is all children need during the summer to prevent summer learning loss.

(<https://www.oxfordlearning.com/summer-learning-loss-statistics/>)

To help prevent “the summer slide” and to aid your child’s transition into the new school year, we appreciate your support with the following summer assignments.

Entering Grade...	Reading and Language Arts	Math
K	(Enter K-2) Read a book of your choice for 20 minutes for as many days as you can this summer.	Practice counting, recognizing, and writing your numbers through 20
1	Read with a parent or read by yourself. If you can’t read the words by yourself, read the pictures.	Practice counting, recognizing, and writing your numbers through 100
2	Use the attached checklist to try reading in different ways. Turn in the checklist with a parent signature during the first week of school and be ready to tell your teacher about an interesting reading experience you had over the summer.	
3	Grades 3-5 will be voting for this year’s Rhode Island Children’s Book Award. To qualify to vote, you must read at least 3 titles from the attached list. (QR Code also below)	
4	All students should be prepared to complete an assessment (test or project) of the teacher’s choosing during the first weeks of school.	(Entering 2-8) Complete the attached math packet and turn in during the first week of school.
5	 1. Must Read: “Some Places More Than Others” ~or~ “Willa and the Whale 2. A picture book with a moral from the list. 3. Free Choice from the list.  Complete the attached grammar packet and turn in during the first week of school.	All students should be prepared to complete a math assessment (test or project) during the first weeks of school that covers the same topics addressed in the packet.
6	Grades 6-8 will be reading from this year’s Rhode	(Entering 2-8) Complete the attached math packet and turn in

	<p>Island Middle School Book Award nominees. (QR Code below.)  For the text chosen from this list, complete a project from the attached choices.  For the second assigned text, no project must be completed over the summer, but students should be prepared for class discussion and an assessment during the first weeks of school.</p>	<p>attached list and complete a project from the attached choices.  ~and~  <i>New Kid</i> by Jerry Craft.</p>	<p>during the first week of school.  All students should be prepared to complete a math assessment (test or project) during the first weeks of school that covers the same topics addressed in the packet.</p>
7	 <p>Complete the attached grammar packet and turn in during the first week of school.</p>	<p>(Entering 7)  Read 1 book from the attached list and complete a project from the attached choices.  ~and~  <i>The Life of Frederick Douglass: A Graphic Narrative of a Slave's Journey from Bondage to Freedom</i> by David F. Walker</p>	
8		<p>(Entering 8)  Read 1 book from the attached list and complete a project from the attached choices.  ~and~  <i>Of Mice and Men</i> by John Steinbeck</p>	

Summer Grammar Practice

**Reviewing Sentences**

*Underline the simple subject in each sentence.*

1. Elizabeth Blackwell was born in 1821 in Bristol, England.
2. Elizabeth had four sisters and four brothers.
3. At that time most girls did not receive a good education.
4. Elizabeth's father hired fine private tutors for her and her sisters.
5. Elizabeth's education would help her in the future.

*Circle the simple predicate in each sentence.*

1. When Elizabeth was 11, her family moved to the United States.
2. After her father's death, the family needed money.
3. Elizabeth and her sisters gave music and English lessons to local children.
4. Elizabeth helped many people.
5. One day Elizabeth visited a sick woman.

*Box the direct object in each sentence.*

1. Elizabeth's sick friend had a secret.
2. Her male doctors didn't understand women well.
3. She presented an idea to Elizabeth.
4. Elizabeth would pursue a career in medicine.
5. Sixteen medical schools denied admission.

*Circle the compound simple predicate.*

1. Finally, she successfully argued and won her case for admission.
2. A college in New York explained the situation and asked its students to vote on admission for Elizabeth.
3. Probably as a joke, the all-male student body voted and accepted her.
4. Elizabeth studied and graduated from medical school.
5. She imagined and then founded the first women's medical college.

## Reviewing Nouns

*Underline each proper noun. Circle each common noun .*

1. There are many kinds of natural disasters.
2. One famous natural disaster happened long ago, in the first century.
3. Mount Vesuvius, a volcano in Italy, erupted.
4. The lava and ash from the volcano buried the city of Pompeii.
5. Archaeologists discovered the ruins of Pompeii and another city called Herculaneum in the 18th century.

*Write S in the parenthesis if the italicized noun is singular or P if it is plural.*

1. Forest fires ( ) are another kind ( ) of natural disaster ( ).
2. Trees ( ) and plants ( ) in the forest ( ) dry out when there is not enough rain ( ).
3. A single bolt ( ) of lightning ( ) can cause fires ( ) that destroy whole forests ( ).
4. The flames ( ) can also destroy animals ( ) and even houses ( ) in the area ( ).
5. In these emergencies ( ) firefighters ( ) spend days ( ) trying to put out the fire ( ).

*Complete each sentence with the possessive form of the singular or plural noun in parentheses.*

1. A \_\_\_\_\_ direction and speed can change quickly. (hurricane)
2. A \_\_\_\_\_ best protection in a tornado is to go into a storm shelter. (person)
3. The \_\_\_\_\_ shoes were carried downstream by the flood. (children)
4. The \_\_\_\_\_ opinions on the force of the earthquake varied. (experts)
5. \_\_\_\_\_ effects can be severe. (Earthquakes)

*Underline the simple subject and circle the direct object(s) in each sentence.*

1. Many people build homes in villages near volcanoes.
2. Volcanoes may destroy those homes.
3. People will risk the destruction of their homes for economic reasons.
4. The land's rich soil promises good crops for farmers.
5. A volcano's eruptions create new land and rich soil.

## Reviewing Verbs

Write *A* on the line if the italicized verb in each sentence is an action verb or *B* if it is a being verb.

1. \_\_\_\_\_ Sculptors *are* artists who make monuments and statues.
2. \_\_\_\_\_ Some monuments and statues *help* us remember special people or important events in history.
3. \_\_\_\_\_ Communities often *ask* sculptors to create big, important works to display in front of public buildings.
4. \_\_\_\_\_ People *visit* a monument or statue and think about the person or event it pictures.
5. \_\_\_\_\_ A monument or statue *is* a way to show respect for the past.

Underline the helping verb in each sentence. Circle the main verb.

1. Many monuments and statues are created as war memorials.
2. All around the United States, sculptors have made memorials for different wars.
3. One of the most famous memorials was installed in Washington D.C.
4. A 21-year-old woman named Maya Lin had designed it.
5. This memorial has been known as the Vietnam Veterans Memorial.

Write *R* on the line if the italicized verb is regular or *I* if it is irregular.

1. \_\_\_\_\_ Maya Lin *grew* up in Athens, Ohio, and finished high school there with excellent grades.
2. \_\_\_\_\_ She was *accepted* into Yale University as an architecture student.
3. \_\_\_\_\_ When she was a senior at Yale, she *heard* about the contest to design a monument to honor the soldiers who fought in Vietnam.
4. \_\_\_\_\_ Many people were surprised that a young Chinese American woman had *won* the contest to design the memorial.
5. \_\_\_\_\_ Some people did not *like* her design.

Circle the correct verb form.

1. Maya Lin's design ( is are ) a plan V-shaped wall.
2. The stones in the wall ( is are ) black.
3. The carving on the wall ( was were ) not decorative.
4. It ( was were ) a simple list of the more then 58,000 people who died in the war.
5. Maya Lin ( was were ) upset about the criticism of her project.

## Reviewing Adjectives

Complete each sentence with **a**, **an**, or **the**. Circle the adjectives in the sentence.

1. California has \_\_\_\_\_ large number of people of Mexican ancestry.
2. It also has one of \_\_\_\_\_ largest Chinese communities outside Asia.
3. \_\_\_\_\_ English sea captain Sir Francis Drake claimed California for England.
4. Before California was a state, \_\_\_\_\_ Spanish ruled the area.
5. It came \_\_\_\_\_ American state in 1850.

Complete each sentence with **this**, **that**, **these** or **those**. The words at the right will help you choose the adjective.

1. \_\_\_\_\_ state steal it for California. one, near
2. \_\_\_\_\_ pictures show pure ore. more than one, far
3. \_\_\_\_\_ bird, the California quail, has become the state bird. one, far
4. \_\_\_\_\_ redwood trees are magnificent. more than one, near
5. \_\_\_\_\_ part of the coast is my favorite. one, near

Complete each sentence with an adjective that tells exactly how many or about how many. The words at the left in parentheses will help you choose an adjective.

1. (about) \_\_\_\_\_ people came to California to find gold.
2. (exactly) California has \_\_\_\_\_ place known for films- Hollywood!
3. (about) In 1906 a big earthquake destroyed \_\_\_\_\_ buildings.
4. (about) Disneyland has \_\_\_\_\_ kinds of rides.
5. (exactly) California had \_\_\_\_\_ state capitals before Sacramento- San Jose, Vallejo, and Benicia.

Complete each sentence with the correct form of the adjective at the right.

1. California was one of the \_\_\_\_\_ producers of manufactured goods anywhere. (large)
2. The Golden Gate Bridge is one of the \_\_\_\_\_ symbols of the state of California. (popular)
3. The air pollution in Los Angeles is \_\_\_\_\_ than it is in Sacramento. (bad)
4. Do you think the mountains or the beaches are \_\_\_\_\_ ? (beautiful)
5. The \_\_\_\_\_ vacation I ever had was my trip to California. (good)

Summer Math Packet

Directions: Please complete and turn in to your teacher on the first day of school. Please attach any additional work paper to this packet.

**Find the quotient.**

1.  $80 \overline{)243}$

2.  $347 \div 26$

3.  $16 \overline{) \$9.76}$

4.  $347 \div 26$

5.  $82 \overline{)1398}$

6.  $21 \overline{) \$64.47}$

7.  $65,742 \div 67$

Tell which is the better buy.

4 shirts for \$10    OR    \$2.49 for each shirt

**Find the sum or difference.**

$5.04 - 4.3 = \underline{\hspace{2cm}}$

$$\begin{array}{r} 2.36 \\ 2.05 \\ + 0.92 \\ \hline \end{array}$$

**Round to the . . .**

nearest one.    1.4         

nearest tenth.    2.53         

**Write in order from . . .**

least to greatest.  
0.77, 0.08, 0.8

        ,         ,         

greatest to least.  
2.1, 2.01, 2.12, 2.11

        ,         ,         ,         

**Write items 16–17 as decimals.**

12  $\frac{11}{100}$          

$\frac{8}{10}$          

Rename as a fraction in simplest form.

0.4

Use the order of operations to simplify.

$$(81 \div 9) + (2 \times 3) \underline{\hspace{2cm}}$$

Complete the function table.

Rule: $y = 3x$				
<b>Input</b>	$x$	5	7	9
<b>Output</b>	$y$			

Find the number that  $n$  stands for in the equation  $n - 15 = 3 \times 10$ .

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

About what number is the arrow pointing toward?



$$2745 + 8391 =$$

$$\$46.87 + \$15.44 =$$

$$1947 + 1965 + 1970 + 1976 =$$

Find the mean.      \$12.50, \$13.55, \$13.75, \$14.50  $\underline{\hspace{2cm}}$



Mrs. Ayres prepares snacks for 35 children in the after-school program. She has seven 6-packs of juice. At the last minute, 4 more children sign up. Will Mrs. Ayres have enough juice?

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Ito bought hamster food for \$1.05, 3 goldfish for \$.98 each, and a dog toy for \$3. He paid the cashier with a twenty-dollar bill. How much change did he receive?

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Hannah, Juan, Max, and Kim arrive early at Mrs. Stein's house to do chores. Mrs. Stein wants to feed her helpers breakfast. She has 4 brands of cereal: Hot Ricers, Toasted Wheat, Red Bran, and Puffed Oaties. Each of the 4 friends eats a different cereal: Hannah never eats rice or oats, Max loves Red Bran, Kim is allergic to wheat, and Juan likes his cereal hot. Who ate Toasted Wheat?

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Han had 413 baseball cards. He gave away 58 of them. Two days later on Han's birthday, his uncle gave him 118 more cards. How many baseball cards did Han have after his birthday?

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Round each number to the place of the underlined digit.

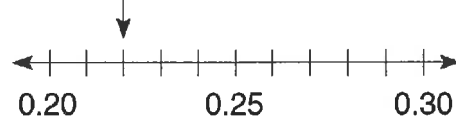
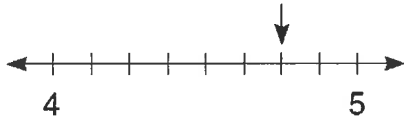
603,239

9,916,309

\_\_\_\_\_

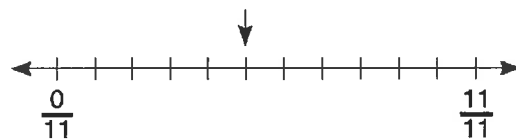
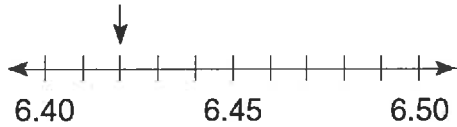
\_\_\_\_\_

To what fraction, mixed number, or decimal is the arrow pointing?



\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_

Use the order of operations to simplify.

$$2 \times (12 \div 4) + (13 - 5)$$

$$\left(\frac{4}{9} + \frac{3}{9}\right) \times \left(\frac{1}{4} + \frac{3}{4}\right)$$

$$(5.6 + 5.3) - (2 \times 4)$$

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Solve. Show your work and explain your thinking.

The school has a carton of red cups and a carton of yellow cups. The carton of red cups has 115 packages of 25 cups each. The carton of yellow cups has 112 packages of 15 cups each. What is the total number of cups?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Find the value of each variable.

$$8 + (9 + 4) = 8 + (6 + x)$$

$$9 \times (3 \times 7) = 9 \times (10 + y)$$

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

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

Write the word name or standard form for each.

seven million, forty-two thousand,  
three hundred two

\_\_\_\_\_

8,201,690

\_\_\_\_\_

Multiply.

$$57 \times 286$$

$$\begin{array}{r} 301 \\ \times 54 \\ \hline \end{array}$$

$$\begin{array}{r} \$9.23 \\ \times 48 \\ \hline \end{array}$$

Divide. Use multiplication to check.

$$5 \overline{)4908}$$

Check

$$18,486 \div 9$$

Check

$$\$46 \div 8$$

Check

Solve. Show your work and explain your thinking.

- Jolene wants to have enough money to buy a new mountain bike. She earns \$97 per week. If the bike she wants costs \$300, will it take her about three weeks or about four weeks to earn enough money? Does Jolene need an exact answer or will a rounded estimate be good enough to help her decide?

\_\_\_\_\_

**Write in order from greatest to least.**

40.35; 50.4; 40.53; 45.3

905,865; 9,905,765; 9,509,765; 950,865

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31.67; 3.67; 31.6; 31.77

766,897; 7,897; 786,897; 798; 77,897

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**Add or subtract. Write the answer in simplest form.**

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

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

$$\frac{3}{10} + \frac{6}{10} = \underline{\hspace{2cm}}$$

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

$$\frac{5}{6} - \frac{4}{6} = \underline{\hspace{2cm}}$$

$$\frac{8}{12} - \frac{4}{12} = \underline{\hspace{2cm}}$$

$$\frac{10}{10} - \frac{7}{10} = \underline{\hspace{2cm}}$$

$$\frac{9}{12} - \frac{4}{12} = \underline{\hspace{2cm}}$$

**Add or subtract.**

$$\begin{array}{r} 7,771,248 \\ - 613,625 \\ \hline \end{array}$$

$$\begin{array}{r} 90,000 \\ - 62,848 \\ \hline \end{array}$$

$$\begin{array}{r} 331,137 \\ + 873,125 \\ \hline \end{array}$$

$$\begin{array}{r} 42,215,719 \\ + 2,383,676 \\ \hline \end{array}$$

$$361 + 862 + 1625 + 7583$$

$$\$481.85 - \$64.35$$

$$457,211 + 386,244$$

$$, \$4950.78 + \$2032.51$$

**Solve. Show your work and explain your thinking.**

A number that is greater than 1 and has exactly two factors is called *prime*. What numbers between 10 and 20 are prime? Explain why you chose the numbers you did and why you did NOT choose the other numbers.

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