Name _____

4th Grade Math Summer Learning Packet

Dear Educator,

My signature is proof that I have reviewed my scholar's work and supported him to the best of my ability to complete all assignments.

_____ _____

(Parent Signature) (Date)

Parents/Guardians please note that this Summer Learning Packet is also available on our website at www.brighterchoice.org under the heading "Remote Learning." All assignments within this packet are to help scholars retain what has been taught the 2020-2021 school year. This packet can be returned at the beginning of next school year for a prize if completed in its entirety. We thank you greatly for your continued support.

Name _____ Date_____

BCCS for Boys College_____

Good Morning, Sunshine!

Name _____ Week of _____

Multiplication Monday

Date: _____

I know... Life is hard on Monday, but it's time to awaken your brain! Let's start the day by saying hello to your neighbor! Everybody needs a warm greeting on Monday!

There are 876 beach chairs at the Sunshine & Seashells Beach Resort. Tom's job is to distribute the chairs evenly among their 4 pools. How many chairs will go to each pool?

Aubrey starts a dog-walking business over the summer. She earns $456 over 6 weeks. If she earned the same amount each week, how much did she earn each week?

True or False?

Lilly needs to buy new flip flops. The pair she wants costs $12.46 with tax. She has six $1 bills, a $5 bill, and seven quarters. Lilly does not have enough money for the flip flops.

DAILY UPDATE:

What is your favorite food to have for breakfast?

Base Ten Tuesday

Date: _____

Complete the pattern.

72 ÷ 8 = _____

720 ÷ 8 = _____

7,200 ÷ 8 = _____

72,000 ÷ 8 = _____

720 ÷ 80 = _____

The Atlanta Braves play baseball at Turner Field in Atlanta, Georgia. The stadium can hold a total of 49,586 people. About how many people can be seated in this stadium? Round to the nearest ten thousand.

FUN FACT!

There are over 28,000 different types of fish in the ocean. Which of the following expressions have a value of 28,000? Check all that apply.

- ❑ 280 x 10
- ❑ 280 x 100
- ❑ 20,000 + (800 x 2)
- ❑ 10,000 + 10,000 + 800
- ❑ 2,800 + 100

DAILY UPDATE:

Would you rather visit somewhere that has a beach or go camping in the woods?

Name _____ Date_____

BCCS for Boys College_____

Wordless Wednesday

Date: _____

Guess what day it is?....Wordless Wednesday! No word problems for you. ☺

8,667 x 9=	94,651 + 63,684	1,456 ÷ 4 =

DAILY UPDATE: Describe your mood today with one feeling word. _____

Throwback Thursday

Date: _____

It's Throwback Thursday! Let's review...

Tristin went to a baseball game. He left for the game at 4:23 p.m. He got home from the game at 7:48 p.m. How long was he gone for the game?

Compare.

4 days ◯ 72 hours

Choose the names that apply to this shape.

a. square
b. trapezoid
c. quadrilateral
d. polygon
e. rectangle

Fraction Fun Friday

Date: _____

We made it! Let's celebrate by having some fun with fractions!

Which of the following fractions is a unit fraction?

a. $\frac{2}{4}$ c. $\frac{3}{8}$

b. $\frac{1}{3}$ d. $\frac{9}{10}$

Riley is making cookie bars for a BBQ. She uses $2\frac{3}{4}$ cup of dark chocolate chips and $1\frac{2}{4}$ cup of white chocolate chips. How many more cups of dark chocolate chips than white chocolate chips does Riley use?

WEEKLY UPDATE

What is your favorite vegetable?

Name _____ Date_____

BCCS for Boys College_____

Good Morning, Sunshine!

Name _____ Week of _____

Multiplication Monday

Date: _____

I know... Life is hard on Monday, but it's time to awaken your brain! Let's start the day by saying hello to your neighbor! Everybody needs a warm greeting on Monday!

Shade in the multiples of 9 (blue).

True or False?

92 is a prime number.

Jayla set a running goal for herself. She wants to run 24 miles each week over the summer. How many miles will she have to run per day to meet this goal?

DAILY UPDATE:

If you could go to any type of summer camp, what kind of camp would you want to go to? (For example: soccer camp, writing camp, etc.)

Base Ten Tuesday

Date: _____

The St. Louis Cardinals play at Busch Stadium, which can hold 43,975 fans. The Chicago Cubs play at Wrigley Field, which can hold 41,268 fans. How many more fans can Wrigley Field hold than Busch Stadium?

FUN FACT!

An average of 52,964 people visit Disney World in Orlando, Florida each day. About how many people is this? Round to the nearest thousand.

A video app has 12,498 different movies. What is 12,498 rounded to the nearest thousand?

DAILY UPDATE:

List 3 adjectives to describe a baseball game.

1. _____
2. _____
3. _____

Name _____ Date_____

BCCS for Boys College_____

Wordless Wednesday

Date: _____

Guess what day it is?...Wordless Wednesday! No word problems for you. ☺

1,643 ÷ 3 =	58,003 - 7,902	$13.13 - $ 9.87

DAILY UPDATE: Describe your mood today with one feeling word. _____

Throwback Thursday

Date: _____

It's Throwback Thursday! Let's review...

Bonnie is making s'mores to share with her friends at the beach. She is looking at two bags of marshmallows. One bag is 11 ounces. Another bag is 1 pound. Which is the larger bag?

11 ounces ◯ 1 pound

Which of the letters below does NOT have line symmetry?

DOG

Emma is 5 feet tall. How tall is she in inches?

Fraction Fun Friday

Date: _____

We made it! Let's celebrate by having some fun with fractions!

Brenda wants to make her own beach bag. She needs $\frac{5}{8}$ yard of blue fabric and $\frac{2}{8}$ yard of green fabric. How much fabric does Brenda need in all?

WEEKLY UPDATE

What is your favorite type of sandwich?

Ben reads $\frac{3}{4}$ of an hour in the morning and $\frac{3}{4}$ of an hour in the afternoon over the summer. How many hours will he have read after 4 days?

Name _____ Date_____

BCCS for Boys College_____

Good Morning, Sunshine!

Name _____ Week of _____

Multiplication Monday

Date: _____

I know... Life is hard on Monday, but it's time to awaken your brain! Let's start the day by saying hello to your neighbor! Everybody needs a warm greeting on Monday!

Kay'veon's summer camp roasts marshmallows every night. There are a total of 836 marshmallows. He needs to put the same amount in each of 8 containers. How many marshmallows will be in each container?

True or False?

1,082 is a composite number.

DAILY UPDATE:

If you were spending a day at the beach, what 4 things would you make sure to take with you?

Base Ten Tuesday

Date: _____

Tucker cleans cars every summer at Sunshine Car Wash. The car wash he works at cleaned 98,912 cars in 2015 and 132,415 cars in 2014. What is the total number of cars washed in 2014 and 2015?

A total of 78,582 visitors have stayed at Sebastian's Sunshine Resort. What is the value of the 5 in this number?

FUN FACT:

There are 30,000 species of fish. Which of the following numbers would round to 30,000 when rounded to the nearest ten thousand?

a. 29,034
b. 37,894
c. 32,346
d. 39,456

DAILY UPDATE:

What is your favorite summer activity?

Name _____ Date_____

BCCS for Boys College_____

Wordless Wednesday

Date: _____

Guess what day it is?...Wordless Wednesday! No word problems for you. ☺

$\begin{array}{r} 36 \\ \times\ 42 \\ \hline \end{array}$	$426 - n = 370$	$\begin{array}{r} \$20.45 \\ -\ \$\ 9.18 \\ \hline \end{array}$

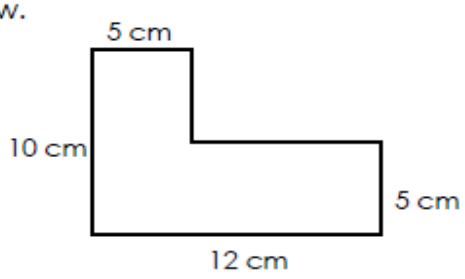
DAILY UPDATE: Describe your mood today with one feeling word. _____

Throwback Thursday

Date: _____

It's Throwback Thursday! Let's review...

Find the area and perimeter of the figure below.



Perimeter _____

Area _____

Piper bought a canopy to take with her to the beach. The canopy covers an area of 120 square feet. If the canopy is 10 feet wide, what is the length?

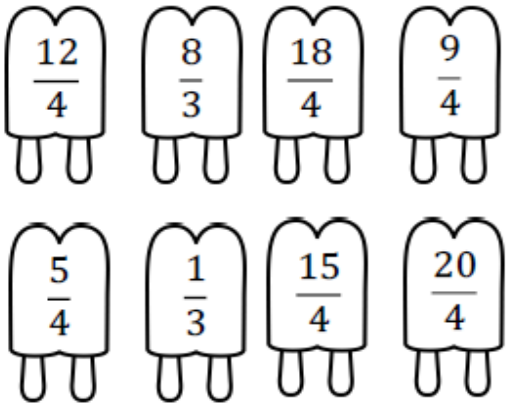
$\frac{1}{3}$ $\frac{2}{5}$ $\frac{18}{4}$

Fraction Fun Friday

Date: _____

We made it! Let's celebrate by having some fun with fractions!

Shade in all the multiples of $\frac{3}{4}$



Danny bought $18\frac{3}{4}$ feet of wood to add on to his tree house. When he was finished, he had $4\frac{1}{4}$ feet of wood left. How much wood did Danny use on his tree house?

WEEKLY UPDATE

What is your favorite fairy tale?

Name _____ Date_____

BCCS for Boys College_____

Hello, Sunshine!

Name _____ Week of _____

Multiplication Monday

Date: _____

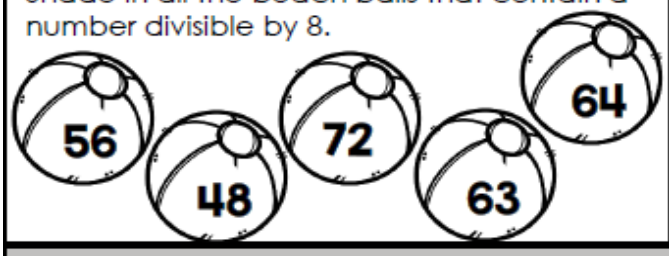
I know... Life is hard on Monday, but it's time to awaken your brain! Let's start the day by saying hello to your neighbor! Everybody needs a warm greeting on Monday!

Jayla loves to read at the beach, especially about soccer. She reads 54 pages each day. How many pages will she read in 57 days?

True or False?

$57 + (6 \times 12) = (6 \times 10) + (6 \times 2) + 57$

Shade in all the beach balls that contain a number divisible by 8.



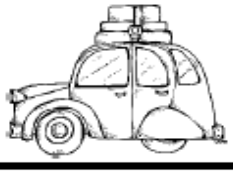
DAILY UPDATE:

What is something you hope to accomplish this summer?

Base Ten Tuesday

Date: _____

This summer Daniel and his family are taking a road trip across the country to Yellowstone National Park. Daniel looked at the odometer and noticed there were 109,889 miles. What is this number rounded to the nearest hundred?



Which number rounded to the nearest hundred thousand is 700,000?

FUN FACT!

Yankee Stadium can seat 50,287 fans. Write this number in expanded form.

DAILY UPDATE:

What is your favorite board or card game?

Name _____ Date_____

BCCS for Boys College_____

Wordless Wednesday

Date: _____

Guess what day it is?...Wordless Wednesday! No word problems for you. ☺

$(2 \times 7) \times 14 =$

$$\begin{array}{r} 412{,}196 \\ +\ 123{,}567 \\ \hline \end{array}$$

$4{,}102 \div 4 =$

DAILY UPDATE: Describe your mood today with one feeling word. _____

Throwback Thursday

Date: _____

It's Throwback Thursday! Let's review...

Malerie and Madison are starting a lemonade stand. Malerie brought 2 gallons of lemonade. Madison brought 32 cups of lemonade. Who brought more lemonade?

Annie is making cakes. She has 3 pints of milk. She needs 1 quart of milk. Does she have enough milk for the cakes?

Fraction Fun Friday

Date: _____

We made it! Let's celebrate by having some fun with fractions!

$$6 \times \frac{3}{4} =$$

WEEKLY UPDATE

What is your favorite popsicle flavor?

Cassandra is making cupcakes for her friends. She needs $\frac{7}{8}$ cup of flour and $\frac{1}{3}$ cup of sugar for the recipe. How much flour and sugar does she need total?

Name _____ Date_____

BCCS for Boys College_____

Hello, Sunshine!

Name _____ Week of _____

Multiplication Monday

Date: _____

I know... Life is hard on Monday, but it's time to awaken your brain! Let's start the day by saying hello to your neighbor! Everybody needs a warm greeting on Monday!

Tucker got a new video game to play over the summer. Last week, he scored 6,432 points. If he continues this pace, how many points will he score after 9 weeks?

True or False?

60,000 x 4 > 600 x 400

Megalodon, the prehistoric shark, is believed to have been a maximum of 59 feet long. This is 3 times the length of the largest Great White Shark. According to this statistic, how long is the largest Great White Shark?

DAILY UPDATE:

List your top three favorite foods.

1. _____
2. _____
3. _____

Base Ten Tuesday

Date: _____

The seating capacity of famous baseball fields are listed below. List the baseball fields in order from the **LEAST** seating capacity to the **GREATEST** seating capacity.

Baseball Field	Location	Seating Capacity
Busch Stadium	St. Louis, Missouri	43,795
Fenway Park	Boston, Massachusetts	37,949
Wrigley Field	Chicago, Illinois	41,268
Yankee Stadium	Bronx, New York	49,642

FUN FACT!

In 2015, the population of Honolulu, Hawaii was 991,788. What is the value of the digit 1 in this number?

Round this number to the nearest ten thousand.

DAILY UPDATE:

Would you prefer to watch a baseball game or play a baseball game?

Name _____ Date_____

BCCS for Boys College_____

Wordless Wednesday

Date: _____

Guess what day it is?...Wordless Wednesday! No word problems for you. ☺

(30 x 8) + (320 x 4)=

12,345
- 9,239

1,458 x 6 =

DAILY UPDATE: Describe your mood today with one feeling word. _____

Throwback Thursday

Date: _____

It's Throwback Thursday! Let's review...

6 hours and 3 minutes = _____ minutes

Compare.

4 pints ◯ 8 cups

What is the measure of the missing angle?

Fraction Fun Friday

Date: _____

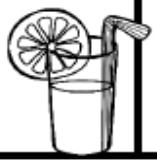
We made it! Let's celebrate by having some fun with fractions!

Heather rode her bike $\frac{21}{4}$ miles. What is the amount written as a mixed number?

List the next six multiples for $\frac{5}{8}$.

WEEKLY UPDATE

What is your favorite drink?



Name _____ Date_____

BCCS for Boys College_____

Good Morning, Sunshine!

Name _____ Week of _____

Multiplication Monday Date: _____

I know... Life is hard on Monday, but it's time to awaken your brain! Let's start the day by saying hello to your neighbor! Everybody needs a warm greeting on Monday!

Kimberly and her family camp for three nights at Camp Apalachicola. It costs $8 for them to camp each night. They plan on camping for 3 nights. How much will this cost them?

True or False?

2 x 4 = 4 x 2

Tracy is at writing camp for 4 days. She takes 6 photos each day at her camp. How many photos does she take total? Complete the model to show your thinking.

= _____ photos

Base Ten Tuesday Date:_____

Write 6,906 in **expanded form**.

The driving distance from Clearwater, Florida to Atlanta, Georgia is 412 miles. Write this number in **word form**.

_____

_____

Fun Fact:

Matthew and his partner find out that a black bear weighs 302 pounds. What is the value of the digit 3 in this number?

DAILY UPDATE:

What's your current favorite book?

Name _____ Date_____

BCCS for Boys College_____

Wordless Wednesday

Date: _____

Guess what day it is?....Wordless Wednesday! No WORD Problems for you.

$(6 \times 5) \times 2 =$	$\begin{array}{r} 596 \\ +\ 267 \\ \hline \end{array}$	$27 \div 9 =$

DAILY UPDATE: Describe your mood today with ONE feeling word. _____

Throwback Thursday

Date: _____

It's Throwback Thursday! Let's review...

Ryan made a picture graph to show how many s'mores each camper ate this week. How many s'mores were eaten total?

S'mores	
Erin	
Jen	
Ryan	
Key: Each = 3 s'mores	

Derek began hiking through the woods at 11:15 a.m. He looks at his clock and notices he has been gone for 4 hours and 30 minutes. What time is it now?

Allison and her friends went kayaking for 3 hours. They left for their trip 15 minutes before noon. What time did they return?

Fraction Fun Friday

Date: _____

We made it! Let's celebrate by having some fun with fractions!

Shade in half of the s'mores below. Write the shaded amount of s'mores as a fraction.

$\frac{\square}{\square}$

Andrew ate $\frac{1}{6}$ of an apple pie. Which of the following fractions shows this amount?

a.

b.

c.

d.

WEEKLY UPDATE

What's your current favorite food?

Name _____ Date_____

BCCS for Boys College_____

Good Morning, Sunshine!

Name _____ Week of _____

Multiplication Monday

Date: _____

I know... Life is hard on Monday, but it's time to awaken your brain! Let's start the day by saying hello to your neighbor! Everybody needs a warm greeting on Monday!

At the campsite, Jayla saw 6 times as many squirrels as racoons. If she saw 9 racoons, how many squirrels did she see?

True or False?

Dillon is heading into town from the campsite. He has two $10 dollar bills, one $50 bill, and fourteen $1 bills. He has $64.

Complete the pattern.

8 x 6 = _____

8 x 60 = _____

8 x 600 = _____

8 x 6,000 = _____

8 x 60,000 = _____

DAILY UPDATE:

What are three things that you love about coming back to school?

1. _____
2. _____
3. _____

Base Ten Tuesday

Date:_____

Camp Onnawanna bought 238 flashlights. What is this number rounded to the nearest hundred? Shade in the sign that holds this number.

At the lake, the lifeguard counted 417 swimmers on Saturday. The lifeguard counted 383 swimmers on Sunday. How many swimmers did the lifeguard count on Saturday and Sunday?

Fun Fact:

St. Augustine, Florida is our nation's oldest city. In 2013, the population of St. Augustine was 13,269. Round this number to the **nearest ten thousand**.

DAILY UPDATE:

What is your favorite movie? Why?

Name _____ Date_____

BCCS for Boys College_____

Wordless Wednesday

Date: _____

Guess what day it is?....Wordless Wednesday! No WORD Problems for you.

18 ÷ 2 =

1,654
- 356

(3 x 2) + 4 =

DAILY UPDATE: Describe your mood today with ONE feeling word. _____

Throwback Thursday

Date: _____

It's Throwback Thursday! Let's review...

What time does the clock show?

What time was it 15 minutes earlier?

Give this 2 dimensional figure **two** names.

_____

_____

Ginger and George have 12 marshmallows to share equally between 3 campers. How many marshmallows will each camper receive?

At camp, Hannah plays a card game with her friend and writes the following numbers in her notebook to keep score. She notices a pattern in the numbers. How can you describe this pattern?

42, 49, 56, 63, 70

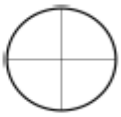
_____

Fraction Fun Friday

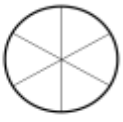
Date: _____

We made it! Let's celebrate by having some fun with fractions!

Color each of the fractions below to show the amount.

$\frac{3}{4}$ 

$\frac{3}{3}$

$\frac{2}{6}$ 

WEEKLY UPDATE

What is one thing your teacher should know about you?

Rebecca hiked for $\frac{3}{4}$ of a mile before stopping for a snack. Deondre hiked for $\frac{2}{4}$ of a mile. Who hiked farther?

Name _____ Date_____

BCCS for Boys College_____

Good Morning, Sunshine!

Name _____ Week of _____

Multiplication Monday

Date: _____

I know... Life is hard on Monday, but it's time to awaken your brain! Let's start the day by saying hello to your neighbor! Everybody needs a warm greeting on Monday!

Ms. Nichols ordered 10 citronella candles for a camping trip. They cost $3 each. How much did she pay for the candles?

True or False?

$(8 \times 5) \times 7 = 8 \times (5 \times 7)$

A boat in the park can carry 9 passengers. If there are 45 people waiting to board the boats, how many boats will be full?

Daily Update:
What is your favorite water activity?

Base Ten Tuesday

Date:_____

Souvenir t-shirts are on sale at the park. There are 100 shirts available. In the morning, 35 shirts were sold. In the afternoon, 25 shirts were sold. How many t-shirts left?

Sarah needs to save $500 for her next camping trip. She has already saved $375. How much does she still need?

Fun Fact!
Bicycles with a foot pedal were first built in 1840. The first automobile was built 71 years earlier. When was the first automobile built?

Daily Update:
List 3 reasons you would or would not like to go camping.

Name _____ Date_____

BCCS for Boys College_____

Wordless Wednesday

Date: _____

Guess what day it is?....Wordless Wednesday! No WORD Problems for you.

145 - 96 _____	12 x 3 =	24 ÷ 3 =

DAILY UPDATE: Describe your mood today with ONE feeling word. _____

Throwback Thursday

Date: _____

It's Throwback Thursday! Let's review...

Jason and his friends will go camping at 7:15. Which clock shows 7:15?

a.

b.

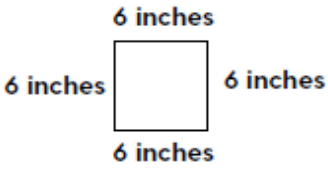
c.

d.

I am a polygon with 5 sides. What am I?

Mark has a square camping table. What is the perimeter of the table? (**Remember**: The **perimeter** is the distance around a shape.)

P = _____



Fraction Fun Friday

Date: _____

We made it! Let's celebrate by having some fun with fractions!

Which model shows $\frac{2}{3}$?

a.

b.

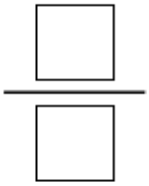
c.

d.

WEEKLY UPDATE

Would you rather camp in a cabin or a tent?

Andrea brought 10 kitchen utensils for their camping. What fraction of the utensils are spoons?



Name _____ Date_____

BCCS for Boys College_____

Good Morning, Sunshine!

Name _____ Week of _____

Multiplication Monday

Date: _____

I know... Life is hard on Monday, but it's time to awaken your brain! Let's start the day by saying hello to your neighbor! Everybody needs a warm greeting on Monday!

Ms. Nichols ordered 10 citronella candles for a camping trip. They cost $3 each. How much did she pay for the candles?

True or False?

Andrew has 6 flashlights. They each need two batteries. He brought 10 batteries. He has enough batteries for all the flashlights.

Complete the pattern.

A racoon is a(n) _____.

a. mammal
b. reptile
c. amphibian
d. fish

Base Ten Tuesday

Date:_____

Fun Fact:

Jean saw a hummingbird in the park. When at rest, a hummingbird breathes 250 times in one minute. Which of the following equals 250? Select all that apply.

a. 20 x 10
b. 25 x 1
c. 25 x 10
d. 25 x 100
e. (20 + 5) x 10
f. (2 + 50) x 100

Glacier National Park has a total area of 1,583 square meters. Write 1, 583 in expanded form.

DAILY UPDATE:

What is your favorite outdoor activity?

Name _____ Date_____

BCCS for Boys College_____

Wordless Wednesday

Date: _____

Guess what day it is?....Wordless Wednesday! No WORD Problems for you.

(3 x 4) x 2 =	296 - 167 _____	32 ÷ 4 =

DAILY UPDATE: Describe your mood today with ONE feeling word. _____

Throwback Thursday

Date: _____

It's Throwback Thursday! Let's review...

Amy began to pack for camp at 12:00 in the afternoon. It took her 35 minutes to pack. What time did she finish packing?

What time does the clock show?

Look at the pattern below.

Which of the following comes next in the pattern?

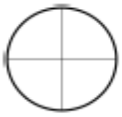
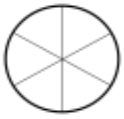
a. b. c.

Fraction Fun Friday

Date: _____

We made it! Let's celebrate by having some fun with fractions!

Color each of the fractions below to show the amount.

$\frac{1}{4}$  $\frac{2}{3}$ $\frac{4}{6}$ 

WEEKLY UPDATE

What is your favorite sandwich?

Sheila made a sandwich. She gave $\frac{1}{2}$ to Ella. She ate $\frac{1}{2}$ of the remaining part of the sandwich. What part of the sandwich is left?