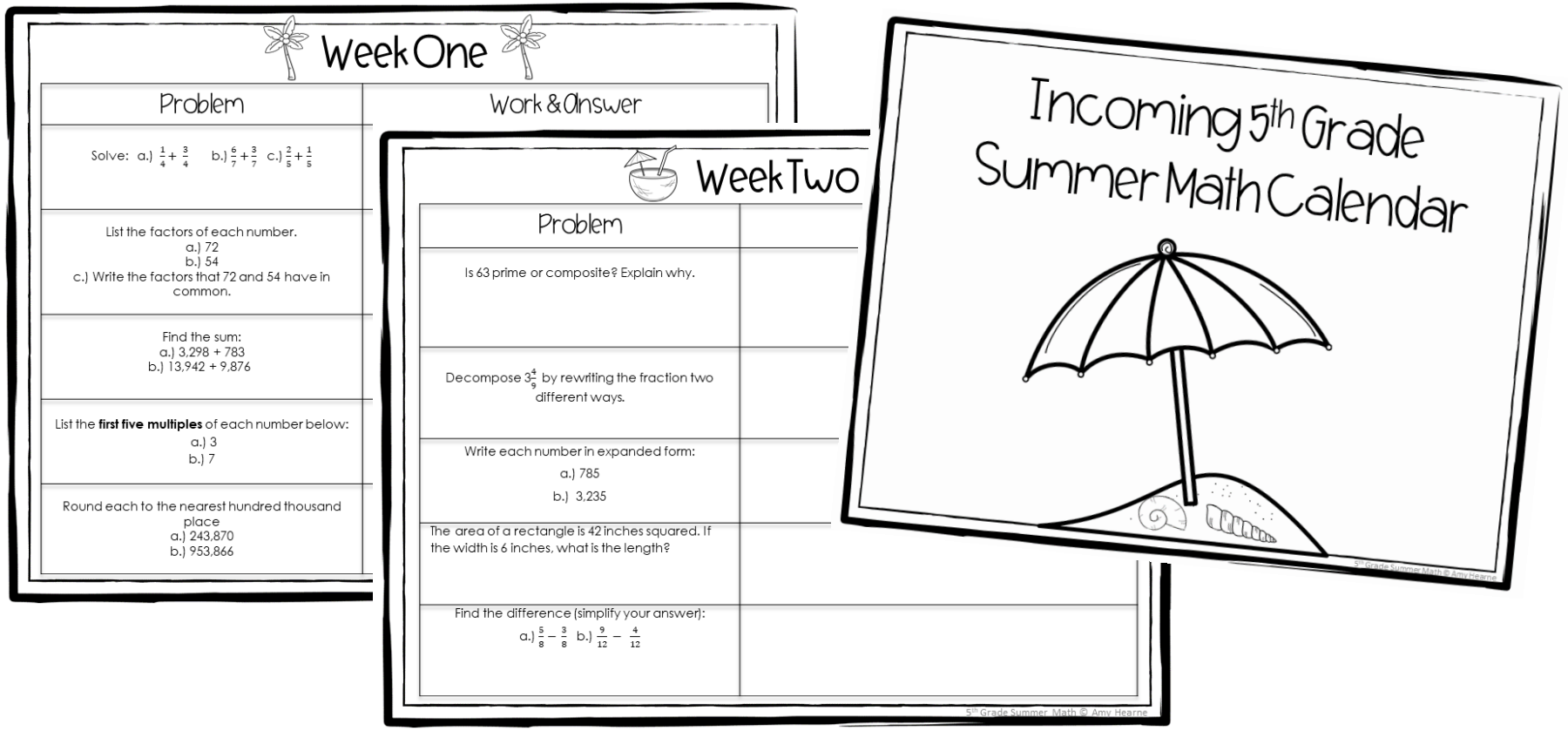
SUMMER MATH CALENDAR FOR INCOMING 5th GRADERS



4 WEEK MATH REVIEW FREEBIE

By Amy Hearne

THANK YOU FOR YOUR DOWNLOAD!

This math calendar FREEBIE is meant to help provide your students with math practice throughout the summer or can be a tool for summer math tutoring. The calendar provides a variety of math topics to keep your students' minds in the math mode. It also can provide information about what topics your incoming math students either excel or struggle with.

This is a **4 Week Sample** of a full **10 Week Summer Math Calendar**. Click here to purchase the full version.

Throughout the past few years I have found that my students (and their parents) actually seem to enjoy having some math to do over the summer. I hope you are able to find this math calendar works well for your students and families.

~Amy

INCLUDED IN THE FULL 10 WEEK MATH CALENDAR

Summer Math Calendar

Dear Soon to Be 5th Graders and Parents of Soon to Be 5th Graders,

This summer math calendar has not been created to torture you. It was actually created with the opposite intent. This was created to make you math aficionados, especially as you prepare to begin math in the fifth grade! To help you do this, I have put together this calendar with math concepts that you have already learned so that your skills are sharp and ready to begin 5th grade math.

Summer Math Calendar Evaluation for Students

Please rate the following on a scale from 1-10, with 1 being the easiest and 10 being the hardest.

1.) _____ How would you rate the difficulty of the problems in general throughout the summer math calendar?

2.) _____ How would you rate the variety and amount of problems throughout the calendar?

Name: _____

5th Grade Summer Math Quiz

Complete the following problems. Show your work, using an extra sheet of paper.

1.) Find the sum. 14,876 + 3,509	2.) Add the fractions. $\frac{1}{6} + \frac{4}{6} =$	3.) Round 784,936 to the ten thousands place.
4.) Is 23 prime or composite? Explain.	5.) Write 26.748 in expanded form.	6.) Find the area of a garden that has a length of 4yd and a width of 2yd.
7.) Multiply 32 x 18.	8.) Write the number below in standard form: Sixteen thousand, eight hundred forty.	9.) Divide 987 ÷ 6.
10.) How many inches are in 3 yards?	11.) $\overrightarrow{AB}$ and $\overrightarrow{AC}$ are perpendicular. Find the value of x. 	12.)Compare by using <, >, or =. $\frac{3}{6} \bigcirc \frac{1}{2}$
13.) Draw an obtuse angle.	14.) Write two fractions equivalent to $\frac{1}{2}$.	15.) Jack ate 3 more berries than Jill. Jack ate 21 berries in total. Write and equation and then find out how many berries Jill ate.

5th Grade Summer Math Topics Addressed

Week 1: Adding fractions with like denominators, listing factors and identifying GCF, adding 4 and 5 digit numbers, listing multiples, rounding numbers
Standards Addressed: 4.NF.3, 4.OA.4, 4.NB.4, 4.NBT.3

Week 2: Identifying prime/composite numbers, decomposing fractions, writing numbers in expanded form, finding length from area, subtracting fractions with like denominators
Standards Addressed: 4.OA.4, 4.NF.3, 4.NBT.2, 4.MD.3, 4.NBT.4,

Week 3: Multiplying whole numbers, dividing, writing numbers in word form, multiplying word problems, writing real life fractions
Standards Addressed: 4.NBT.5, 4.NBT.6, 4.NBT.2, 4.NF.1

Week 4: Converting yards to inches, ordering fractions, adding fractions, using the distributive property to multiply, comparing fractions
Standards Addressed: 4.MD.1, 4.NF.1, 4.NBT.5, 4.NF.2, 4.NF.5

Week 5: Identifying parallel lines, writing equations, estimating sums and differences, writing fractions as decimals, writing fractions from word problems
Standards Addressed: 4.G.2, 4.OA.3, 4.NBT.4, 4.NF.1

Week 6: Creating line plots, multiplying whole numbers, identifying angles, dividing word problems, comparing place values
Standards Addressed: 4.MD.4, 4.NBT.5, 4.G.1, 4.OA.1, 4.NBT.1

Week 7: Mental math multiplication patterns, equivalent fractions, finding missing numbers, identifying patterns, finding value or angles
Standards Addressed: 4.NBT.1, 4.NF.1, 4.NBT.4, 4.OA.3, 4.MD.6

Week 8: Comparing decimals, finding area of figures, adding and subtracting, drawing right triangle, writing fractions as decimals
Standards Addressed: 4.NF.7, 4.MD.3, 4.NBT.4, 4.G.2, 4.NF.6

Week 9: Writing numbers in standard form, identifying lines of symmetry, measurement word problem, writing decimals as fractions, identifying patterns
Standards Addressed: 4.NBT.2, 4.G.3, 4.MD.2, 4.NF.6, 4.OA.5

Week 10: Identifying shapes with perpendicular lines, writing equivalent fractions, finding quotients, fraction word problem, finding products
Standards Addressed: 4.G.2, 4.NF.1, 4.NBT.5, 4.NF.3, 4.NBT.6,

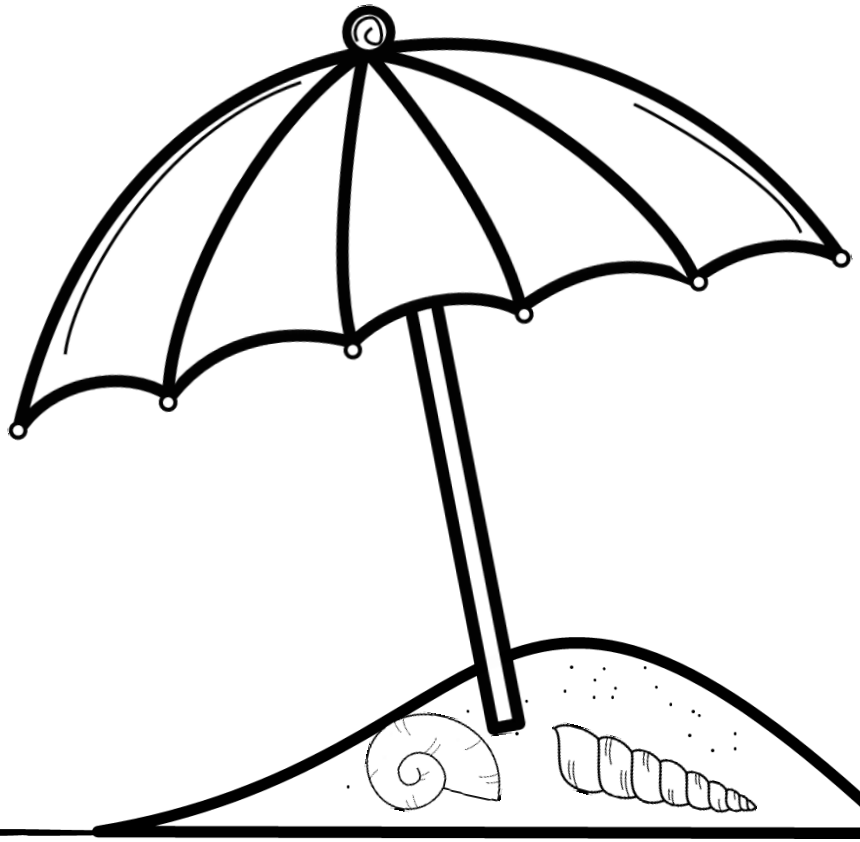
- Parent and student introduction letter
- Math topics addressed
- Student and parent evaluation pages
- 10 Weeks of math review
- Answer key for 10 weeks of review
- Math Quiz for the first week of school covering topics in the calendar

Thank you for respecting my work.

~Amy

Thank you to the following:

Incoming 5th Grade Summer Math Calendar



Week One

Problem	Work & Answer
Solve: a.) $\frac{1}{4}+\frac{3}{4}$ b.) $\frac{6}{7}+\frac{3}{7}$ c.) $\frac{2}{5}+\frac{1}{5}$	
List the factors of each number. a.) 72 b.) 54 c.) Write the factors that 72 and 54 have in common.	
Find the sum: a.) 3,298 + 783 b.) 13,942 + 9,876	
List the **first five multiples** of each number below: a.) 3 b.) 7	
Round each to the nearest hundred thousand place a.) 243,870 b.) 953,866	

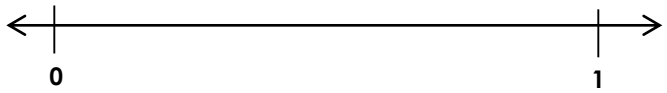
Week Two

Problem	Work & Answer
Is 63 prime or composite? Explain why.	
Decompose $3\frac{4}{9}$ by rewriting the fraction two different ways.	
Write each number in expanded form: a.) 785 b.) 3,235	
The area of a rectangle is 42 inches squared. If the width is 6 inches, what is the length?	
Find the difference (simplify your answer): a.) $\frac{5}{8} - \frac{3}{8}$ b.) $\frac{9}{12} - \frac{4}{12}$	

Week Three

Problem	Work & Answer
Multiply the following using any method: a.) 137 x 8 b.) 26 x 19	
Find the quotients: a.) 85 ÷ 3 b.) 346 ÷ 5	
Write each number below in word form: a.)5,470 b.) 197,306	
Casey bought 103 pieces of candy for her students who worked well in a group. The next week she bought three times as much. About how many pieces of candy did she buy in all?	
Write a fraction to describe the number of days in a week that start with the letter T.	

Week Four

Problem	Work & Answer
Find the number of inches for the following: a.) 4 yards b.) 15 feet	
On a number line label the following fractions: $\frac{4}{5}, \frac{2}{5}, \frac{5}{5}, \frac{3}{5}$	
Find each sum. Change the tenths to hundredths before you add. a.) $\frac{4}{10} + \frac{15}{100}$ b.) $\frac{8}{10} + \frac{10}{100}$	
Use the distributive property to multiply a.) 24 x 9 b.) 35 x 14	
Compare the fractions, use <, > or =	a.) $\frac{3}{7} \bigcirc \frac{5}{7}$ b.) $\frac{1}{9} \bigcirc \frac{1}{3}$

Week One

Problem	Work & Answer
Solve: a.) $\frac{1}{4}+\frac{3}{4}$ b.) $\frac{6}{7}+\frac{3}{7}$ c.) $\frac{2}{5}+\frac{1}{5}$	a.) $\frac{4}{4}=1$ b.) $\frac{9}{7}=1\frac{2}{7}$ c.) $\frac{3}{5}$
List the factors of each number. a.) 72 b.) 54 c.) Write the factors that 72 and 54 have in common.	a.) 72: 1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36, 72 b.) 54: 1, 2, 3, 6, 9, 18, 27, 52 c.) Common Factors: 1, 2, 3, 6, 9, 18
Find the sum: a.) 3,298 + 783 b.) 13,942 + 9,876	a.) 4,081 b.) 23,818
List the **first five multiples** of each number below: a.) 3 b.) 7	a.) 3: 3, 6, 9, 12, 15 b.) 7: 7, 14, 21, 28, 35
Round each to the nearest hundred thousand place a.) 243,870 b.) 953,866	a.) 200,000 b.) 1,000,000

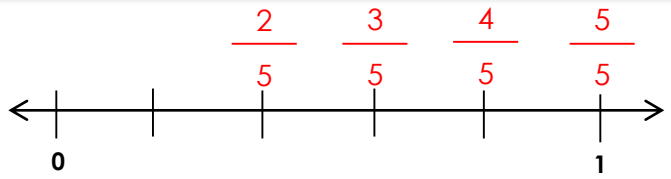
Week Two

Problem	Work & Answer
Is 63 prime or composite? Explain why.	63 is composite because it is a number with ***more than*** two factors.
Decompose $3\frac{4}{9}$ by rewriting the fraction two different ways.	Answers will vary but could include: $3\frac{4}{9} = 3 + \frac{4}{9}$ $\quad$ $3\frac{4}{9} = 3 + \frac{2}{9} + \frac{2}{9}$
Write each number in expanded form: a.) 785 b.) 3,235	a.) (7 x 100) + (8 x 10) + (5 x 1) OR 700 + 80 + 5 b.) (3 x 1,000) + (2 x 100) + (3 x 10) + (5 x 1) OR 3,000 + 200 + 30 + 5
The area of a rectangle is 42 inches squared. If the width is 6 inches, what is the length?	l x 6 = 42 42 ÷ 6 = 7 The length is 7 inches.
Find the difference (simplify your answer): a.) $\frac{5}{8} - \frac{3}{8}$ b.) $\frac{9}{12} - \frac{4}{12}$	a.) $\frac{1}{4}$ $\quad$ b.) $\frac{5}{12}$

Week Three

Problem	Work & Answer
Multiply the following using any method: a.) 137 x 8 b.) 26 x 19	a.) 1,096 b.) 494
Find the quotients: a.) 85 ÷ 3 b.) 346 ÷ 5	a.) 28 R1 b.) 69 R1
Write each number below in word form: a.)5,470 b.) 197,306	a.) Five thousand, four hundred seventy b.) One hundred ninety-seven thousand, three hundred six
Casey bought 103 pieces of candy for her students who worked well in a group. The next week she bought three times as much. About how many pieces of candy did she buy in all?	Week 1: About 100 Week 2: 3 x 100 = 300 Total: 100 + 300 = About 400 ***In all Casey bought about 400 pieces of candy.***
Write a fraction to describe the number of days in a week that start with the letter T.	Tuesday and Thursday both start with T. $\frac{2}{7}$

Week Four

Problem	Work & Answer
Find the number of inches for the following: a.) 4 yards b.) 15 feet	a.) 3ft = 1yd, 12in = 1ft, 4 x3 = 12 ft x 12in = **144 inches in 4 yards** b.) 15ft x 12in = **180 inches in 15 feet**
On a number line label the following fractions: $\frac{4}{5}, \frac{2}{5}, \frac{5}{5}, \frac{3}{5}$	
Find each sum. Change the tenths to hundredths before you add. a.) $\frac{4}{10} + \frac{15}{100}$ b.) $\frac{8}{10} + \frac{10}{100}$	a.) $\frac{55}{100} = \frac{11}{20}$ b.) $\frac{90}{100} = \frac{9}{10}$
Use the distributive property to multiply a.) 24 x 9 b.) 35 x 14	a.) (20 x 9) + (4 x 9) = 180 + 36 = **216** b.) (30 x 10) + (30 x 4) + (5 x 10) + (5 x 4) = 300 + 120 + 50 + 20 = **490**
Compare the fractions, use <, > or =	a.) $\frac{3}{7} < \frac{5}{7}$ b.) $\frac{1}{9} < \frac{1}{3}$