Name_____



Math Challeng
Beach Readin

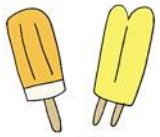
Adam and his three siblings are reading and relax
Altogether the four family members have read
to determine how many pages of his/her book e

Clue #1: Raquel and Logan have read 24 pages alt
Clue #2: Adam has read 28 pages less than Emily
Clue #3: Raquel has read 2 pages more than Log

Show your work in the bo

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Name_____



Frozen Flavors

There are five different flavors of popsicles. Use the clues below to determine which popsicle is which.

1. There are two popsicles between the root beer and orange popsicles.
2. The cherry popsicle is to the left of the banana.
3. The root beer popsicle is to the left of the blue raspberry.
4. There is one popsicle between the cherry and banana popsicles.
5. The orange popsicle is to the right of the blue raspberry.
6. There is only one other popsicle next to the cherry popsicle.

Cut out the cards at the bottom of the page to help you if you like. Then write your answers in the boxes below.



	Blue	Cherry	Orange	Root Beer

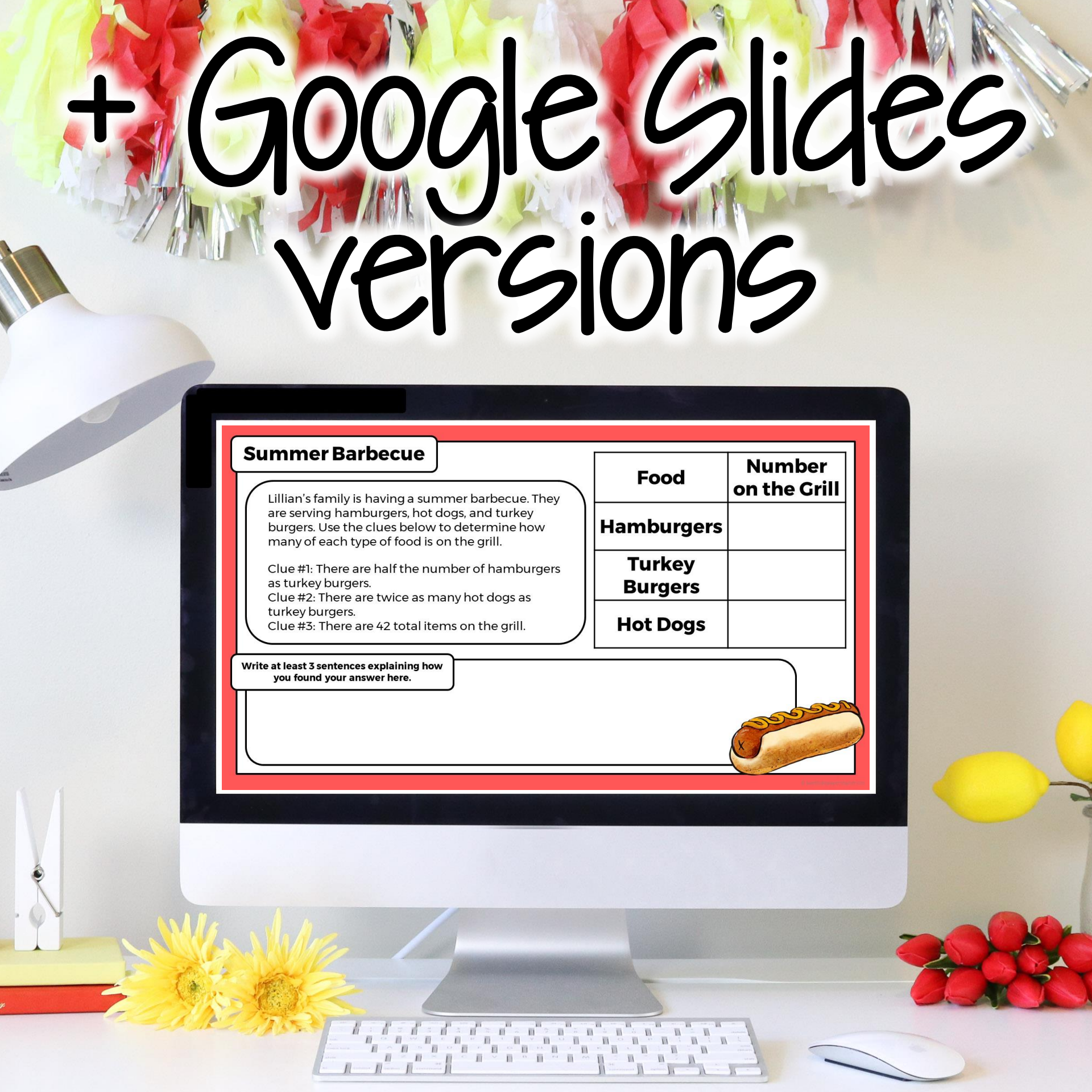
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Math Challenges & Brainteasers for summer with beach, ice cream, water park, Father's Day, 4th of July, 10K race, sun, & barbecue themes

Print & Go PDF


Name
SWIM Brainteaser
Arrange the letters in SWIM so there is only one of each letter in the word in every row, column, and 2x2 box.
Castles in the Sand
Betsy
Name
ICE CREAM
Math Challenge
Tasty Treats
Mr. Coney's ice cream truck holds 4 freezers ful
Every freezer can hold 10 crates of ice cream t
boxes of treats, and there are 5 ice cream tre
tasty ice cream treats can be held on the truc
Show your work in the
4 freezers x 10 cr
freezer = 40 c
40 crates x 5 box
200 boxes
200 boxes x 5 tre
1,000 treats
1,000 treats

+ Google Slides versions



10 Math Challenges

Name_____



Math Challenge
Track and Field

On field day Four students competed in the 100 meter dash finals. Their combined times totaled exactly one minute! Use the clues below to determine each student's finishing time.

Clue #1: Sam and Lashia's finishing times totaled 30 seconds.
Clue #2: John finished 6 seconds after Madison.
Clue #3: Lashia finished 2 seconds before Sam.

Show your work in the box below.

Name_____



Math Challenge
May Minutes

Mrs. Haymond's students kept track of the minutes they read at home during the month of May. Use the clues below to determine how many minutes each of Mrs. Haymond's students read. Then find the total amount of hours and minutes read by Mrs. Haymond's entire class.

- Hannah read 40 more minutes than Elizabeth.
- Chloe read one hour more than Seth.
- Kendall and Eric read For 10 hours altogether.
- Jason read 40 minutes more than Chloe.
- Jessica read 105 minutes less than Anthony.
- Trevor read For 8 hours.
- Elijah read 270 minutes less than Doug.
- Ryan and Chloe read 700 minutes in all.

	Total Minutes Read
Jason	
Doug	500
Hannah	
Elijah	
Seth	360
Jessica	
Ryan	
Elizabeth	510
Chloe	
Kendall	350
Eric	
Anthony	660
Trevor	
Total Time Read (Hours and Minutes)	

Show your work here.

Name_____

Math Challenge
Sailboat Scramble

Divide the Sailboats equally into two boxes so the sum of their numbers is equal in both.

What is the sum in each box? _____

Use the box below to show your work.



Name_____



Math Challenge
Field Day Rotations

It's finally Field day at Aspen Elementary! Every class will rotate to a number of activity stations. They will spend 12 minutes at every station. IF there are 9 game stations, 3 water stations, 1 rest station, and 1 popsicle station, how long will students spend doing rotations on Field day? Write your answer in hours and minutes.

Show your work in the box below.

Name_____



Math Challenge
Ice Cream Sundaes

On the last day of school Mr. Parke's students had an ice cream sundae bar. There were three choices of ice cream: vanilla, chocolate, and strawberry. There were five types of toppings: chocolate chips, sprinkles, strawberries, bananas, and m&ms. IF every sundae had one type of ice cream, and one topping, how many possible combinations of sundaes could be made?

Find an organized way to show **all possible combinations** and the answer in the box below.

Name_____



Math Challenge
Ice Cream Sundaes with Whip

During their final class party, Miss Nadal's students had ice cream sundaes. There were three choices of ice cream: vanilla, cheesecake, and birthday cake. There were four types of toppings: pie crust, chocolate syrup, gummy bears, and caramel. Every student could choose to have whipped cream. IF every student chose one type of ice cream, one topping, and whether or not to add whipped cream, how many possible combinations of ice cream sundaes could be made?

Find an organized way to show **all possible combinations** and the answer in the box below.

Name_____



Math Challenge
End of Year Slideshow

On the last day of school Mrs. Melton created a slideshow with pictures of her students. In the slideshow there are 100 pictures of classroom activities, 55 of field trips, 120 of assemblies, and 145 of holiday parties. IF Mrs. Melton uses one picture per slide, and every slide plays for 3 seconds, **how many minutes** will she need to show the slideshow to her students?

Show your work in the box below.

Name_____



Math Challenge
Class Party

For the final class party, Mr. Davis is letting his students choose what they would like to do. One-third of his students will watch a movie. One-half will do art projects, and one-sixth will play games. IF 8 students will be watching a movie, how many students will play games?

Show your work in the box below.

Name_____



Math Challenge
Field Trip Groups

There are five 3rd grade classes at Natureland Elementary. For the final field trip of the year, all third grade students are going to the Children's Museum. IF every class has 27 students and the Children's Museum requires one adult for every 3 students on the trip, how many adults will need to go on the Field trip?

Show your work in the box below.

Name_____



Math Challenge
Garden Growth

Nyasha is growing plants to give to her mother, aunts, and neighbors For Mother's Day. She has eight pots of plants in her garden. The first plant is 75 inches tall. IF each plant after the first is twice the height of the previous plant, how many feet tall is the eighth plant?

Show your work in the box below.

15 Brainteasers

Name_____



Frozen Flavors

There are five different flavors of popsicles. Use the clues below to determine which popsicle is which.

1. There are two popsicles between the root beer and orange popsicles.
2. The cherry popsicle is to the left of the banana.
3. The root beer popsicle is to the left of the blue raspberry.
4. There is one popsicle between the cherry and banana popsicles.
5. The orange popsicle is to the right of the blue raspberry.
6. There is only one other popsicle next to the cherry popsicle.

Cut out the cards at the bottom of the page to help you if you would like. Then write your answers in the boxes below.



Name_____



SWIM Brainteaser

Arrange the letters in SWIM so there is only one of each letter in the word in every row, column, and 2x2 box.

		S	
W			
	S	M	

Name_____

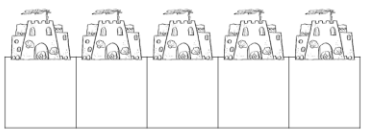


Castles in the Sand

Molly and her four siblings build sand castles on the beach. Use the clues below to determine who built each sand castle.

1. There is one castle between Molly's and Betsy's.
2. Deana's castle is to the right of Molly's.
3. There is one castle between Susan's and Deana's.
4. Betsy's castle is not to the left of David's.
5. There are three castles between David's and Betsy's.

Cut out the cards at the bottom of the page to help you if you would like. Then write your answers in the boxes below.



Betsy	David	Deana	Molly	Susan

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Name_____



Sunrise, Sunset #1

Kylie lives in Denver, Colorado. She keeps track of the time the sun rises and sets once a week during the summer. Complete her chart by determining the amount of daylight on each date using the sunrise and sunset times given. One of the problems has been done for you.

Date	Sunrise Time	Sunset Time	Hours & Minutes of Daylight
May 1st	6:01 a.m.	7:53 p.m.	
May 8th	5:53 a.m.	8:00 p.m.	

Name_____



JUNE Brainteaser

Arrange the letters in JUNE so there is only one of each letter in the word in every row, column, and 2x2 box.

		E	
	U		N

Name_____



Ice Cream Truck #1

Each item from the ice cream truck can be purchased using the money combinations below. Find the total cost of each item by completing the table. The first problem has been done for you.

	Penny	Nickel	Dime	Quarter	Dollar	Total
Single scoop cone	5	1		3		$0.85
Double scoop cone	5		1	6		
Triple scoop cone	5	5	2	3	1	
Single scoop waffle cone	9	2	3	4	1	
Double scoop waffle cone	9		4	6	1	
Triple scoop waffle cone	9	5	2	3	2	
Sundae Cup small	5	2	4	1		

Name_____



CASTLE Brainteaser

Arrange the letters in CASTLE so there is one of every letter in the word in every row, column, and 2x3 box.

E	S		T		
					L
	L				
	A		S		
					E
T					

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Name_____



Sunny Sentences #1

Balance each set of equations by determining the hidden number in each set of number sentences.

1. 9 + ☐ = 15 − 2	2. 10 − 6 = ☐ − 8	3. 9 + 9 = 11 + ☐
4. ☐ + 7 = 20 − 5	5. 12 − 9 = 15 − ☐	6. 6 + ☐ = 4 + 8
7.	8.	9.

Name_____



4TH OF JULY Brainteaser

Arrange the number and letters in 4TH OF JULY so there is one of every letter in the word in every row, column, and 3x3 box.

			O				H	J
4				J				
H	L				U			4
	H							
			F		J	Y		U

Name_____



Sunny Sentences #2

Balance each set of equations by determining the hidden number in each set of number sentences.

1. 35 + ☐ = 12 + 38	2. 18 + 17 = ☐ − 15	3. 46 − 16 = 19 + ☐
4. ☐ − 11 = 71 − 22	5. 32 + ☐ = 72 − 8	6. 80 + 9 = ☐ − 11
7. 29 + ☐ = 65 − 25	8. 22 + 22 = 70 − ☐	9. 75 − 16 = 19 + ☐

Name_____



Road Trip Brainteaser

Stephanie, Taylor, Fred, and Rachel are going on road trips this summer. They are each travelling to a different U.S. landmark (Statue of Liberty, Mount Rushmore, The Grand Canyon, and The Golden Gate Bridge) and will drive a different number of miles (1,740, 1,104, 1,240, and 1,765).

Use the clues below to determine each person's destination and the total number of miles they will drive.

1. Fred is driving the least amount of miles.
2. Stephanie is going to the state farthest east.
3. The person driving to California is driving the most miles.
4. A girl (Rachel or Stephanie) is going to South Dakota.
5. Stephanie is driving farther than Rachel.
6. Taylor is driving to the state farthest west.

Show your work and your answer here:









Fred is going to see _____ and will drive _____ miles.

Rachel is going to see _____ and will drive _____ miles.

Stephanie is going to see _____ and will drive _____ miles.

Taylor is going to see _____ and will drive _____ miles.

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Name_____



Sunrise, Sunset #2

Jason lives in San Diego, California. He keeps track of the time the sun rises and sets once a week during the summer. Complete his chart by filling in the missing information in each row. One of the problems has been completed for you.

Date	Sunrise Time	Sunset Time	Hours & Minutes of Daylight
May 6th	5:57 a.m.	7:33 p.m.	
May 13th	5:51 a.m.	7:39 p.m.	
May 20th	5:47 a.m.		13 hrs and 56 minutes

Name_____



FATHER Brainteaser

Arrange the letters in FATHER so there is one of every letter in the word in every row, column, and 2x3 box.

H					
			A		

Name_____



JULY Brainteaser

Arrange the letters in JULY so there is only one of each letter in the word in every row, column, and 2x2 box.

L			
		J	

Name_____



Ice Cream Truck #2

Each item from the ice cream truck can be purchased using the money combinations below. Complete the table below by filling in the missing information. The first problem has been done for you.

	Penny	Nickel	Dime	Quarter	$1.00 Bill	Total
Ice Cream Sandwich vanilla	10	3	0	3	2	$3.00
Ice Cream Sandwich mint	5	1	0		3	$3.35
Snow Cone Small	0	3	1	5	1	
Snow Cone Large	4	4		3	2	$3.49
Push up Pop		6	1	6	1	$3.05
Drumstick	4	1	1		2	$3.19
Fudgsicle	5	5	5	5	0	
Strawberry Sorbet Pop	6		4	3	2	$3.46
Lemon Sorbet Pop	15	10	5		1	$3.15
Raspberry Sorbet Pop	10	0		1	2	$3.05
Ice cream Chipwich		10	7	7	1	$4.20
King Cone	4	2	6	9	2	
Toasted Almond Bar	5	5		8	0	$3.50
Choco Taco	19	8	7		1	$4.29
Strawberry Shortcake Bar	8	8	8	8	0	

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Name_____



Math Challeng
Tasty Treats

Mr. Coney's ice cream truck holds 4 freeze
Every freezer can hold 10 crates of ice cr
boxes of treats, and there are 5 ice cre
tasty ice cream treats can be held on t

Sho

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Write at least 3 sentences explaining how you found your answer. What did you do first, second, last? How did you know you should add, subtract, multiply or divide? How did you keep track of your work? What strategies did you use to solve the problem?



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All math challenges come with a page for students to explain their mathematical thinking

Answer Keys

Math Challenge
Beach Reading
Answer Key

Adam and his three siblings are reading and relaxing on their beach vacation. Altogether the four family members have read 100 pages. Use the clues below to determine how many pages of his/her book each sibling has read.

Clue #1: Raquel and Logan have read 74 pages altogether.
Clue #2: Adam has read 28 pages less than Emily.
Clue #3: Raquel has read 2 pages more than Logan.

Show your work in the box below.

Adam has read 24 pages.
Emily has read 52 pages.
Raquel has read 13 pages.
Logan has read 11 pages.

IF students know Raquel and Logan have read 24 pages altogether;

Math Challenge
Swimming Pool
Answer Key

Matt's rectangular pool has a perimeter of 60 feet. If the length of the pool is twice the width, what are the dimensions of Matt's pool?

Show your work in the box below.

Matt's pool is 20 Feet long and 10 Feet wide.

Length = 20 Feet (2 x width)
Width = 10 Feet
Perimeter = 20+20+10+10 = 60 Feet

Math Challenge
Totally Tubular
Answer Key

Max is at Rippin' Seas Water Park. His favorite waterslide is the Tubular Torrent. He spends 12:30 pm. to 1:00 pm. riding on this slide. If it takes 15 seconds to climb up to the slide and 30 seconds to ride, how many times did Max ride The Tubular Torrent?

Show your work in the box below.

Max rode on the slide 40 times.

12:30 pm. to 1:00 pm. = 30 minutes on the slide
30 minutes x 60 seconds per minute = 1,800 seconds
15 seconds walking + 30 seconds ride time = 45 seconds per ride
1,800 seconds ÷ 45 seconds per ride = 40 rides

Math Challenge
Double Scoop Cones
Answer Key

To kick off the beginning of summer, the ice cream truck gave away free two scoop ice cream cones! There were six choices of ice cream: vanilla, chocolate, strawberry, mint, bubblegum, and orange creamsicle. How many possible combinations of double scoop ice cream cones can be made using these six flavors?

Find an organized way to show **all possible combinations** and the answer in the box below.

There are 21 possible double scoop combinations.

	Scoop #1	Scoop #2		Scoop #1	Scoop #2
1	Vanilla	Vanilla	12	Strawberry	Strawberry
2	Vanilla	Chocolate	13	Strawberry	Mint
3	Vanilla	Strawberry	14	Strawberry	Bubblegum
					Orange

Math Challenge
Seashells by the Seashore
Answer Key

Madison and Sophie are collecting seashells during their week at the beach. Use the clues below to **determine how many more seashells Sophie collected than Madison.**

Clue #1: Madison collected shells for 6 days.
Clue #2: Sophie collected shells for 7 days.
Clue #3: Madison collected 1 shell on the first day and tripled that amount every day after that.
Clue #4: Sophie collected 3 shells on the first day and doubled that amount every day after that.

Show your work in the box below.

Sophie collected 17 more shells than Madison.

Day #	Madison	Sophie
1	1	3
2	3	6
3	9	12
4	27	24
5	81	48
6	243	96
7		192
Total Shells	364	381

Math Challenge
Tasty Treats
Answer Key

Mr. Coney's ice cream truck holds 4 Freezers Full of tasty ice cream treats. Every Freezer can hold 10 crates of ice cream treats. If every crate holds 5 boxes of Treats, and there are 5 ice cream treats in every box, how many tasty ice cream treats can be held on the truck altogether?

Show your work in the box below.

The truck can hold 1,000 total ice cream treats.

4 Freezers x 10 crates per Freezer = 40 crates
40 crates x 5 boxes per crate = 200 boxes
200 boxes x 5 treats per box = 1,000 treats

Math Challenge
Are We There Yet?
Answer Key

Scott and his family are driving from their home in Las Vegas, Nevada to Disneyland. Scott's family leaves for the trip at 8:00 a.m. If Scott's dad drives an average of 70 miles per hour they will arrive at Disneyland at noon. How many miles is it from Scott's house to Disneyland?

Show your work in the box below.

It is 280 miles from Scott's house to Disneyland.

8:00 am to 12:00 noon = 4 hours in the car
70 miles per hour x 4 hours = 280 total miles

Name_____

Math Challenge
Bucket Builders
Answer Key

Jay and Carson are competing in a sand castle building contest! The winner is the person who uses the most gallons of sand to build their castle. Jay's sand bucket can hold 8 cups of sand. His castle is built with 30 buckets of sand. Carson's bucket holds 4 quarts of sand. His castle is built with 20 buckets of sand. **Who won the contest? How many gallons of sand did each person use?**

Show your work in the box below.

Carson won the contest.
Jay's castle used 15 gallons of sand
Carson's castle used 20 gallons of sand

Jay's total gallons:
There are 4 cups in 1 quart
240 cups ÷ 60 quarts = 15 gallons

Carson's total gallons
4 quarts = 1 gallon
20 buckets = 20 gallons

Math Challenge
Summer Barbecue
Answer Key

Lillian's Family is having a summer barbecue. They are serving hamburgers, hot dogs, and veggie burgers. Use the clues below to determine how many of each type of Food is on the grill.

Clue #1: There are half the number of hamburgers as turkey burgers
Clue #2: There are twice as many hot dogs as Turkey burgers
Clue #3: There are 42 total items on the grill.

Show your work in the box below.

Hamburgers 6
Hot Dogs 24
Turkey Burgers 12

Students can use a guess and check strategy to solve this problem. More advanced students can use simple algebra.

Math Challenge
BolderBoulder 10K
Answer Key

The BolderBoulder is a 10K run held every Memorial Day in Boulder, Colorado. More than 50,000 runners race on this 6.2 mile course each year. Use the clues below to complete the times For the Fastest 6-10 year old runners below.

- Kendrick Finished the race 1 minute 47 seconds after Anna.
- David Finished his run in 5 minutes 37 seconds less than an hour.
- Bethany Finished the race 11 seconds later than Kendrick.
- Alaan Finished the race 20 minutes 51 seconds after Anna.
- Logan Finished the run 7 minutes 15 seconds before David.
- MacKenzie's time is 48 seconds more than Logan's.
- Keegan Finished the race 7 minutes 22 seconds sooner than Madison.
- Jackson's time was 41 minutes 4 seconds Faster than David's.

2016 BolderBoulder Winners Ages 6-10

Age	Name	Total Time hours:minutes:seconds HH:MM:SS
6	Alaan	1:09:54
6	David	54:23
7	MacKenzie	47:56
7	Kendrick	50:50
8	Anna	49:03
8	Logan	47:08
9	Bethany	51:01
9	Keegan	48:17
10	Madison	48:39
10	Jackson	40:19

Frozen Flavors
Answer Key

There are five different Flavors of popsicles. Use the clues below to determine which popsicle is which.

1. There are two popsicles between the root beer and orange popsicles.
2. The cherry popsicle is to the left of the banana.
3. The root beer popsicle is to the left of the blue raspberry.
4. There is one popsicle between the cherry and banana popsicles.
5. The orange popsicle is to the right of the blue raspberry.
6. There is only one other popsicle next to the cherry popsicle.

Cut out the cards at the bottom of the page to help you if you would like. Then write your answers in the boxes below.

Castles in the Sand
Answer Key

Molly and her four siblings build sand castles on the beach. Use the clues below to determine who built each sand castle.

1. There is one castle between Molly's and Betsy's.
2. Deana's castle is to the right of Molly's.
3. There is one castle between Susan's and Deana's.
4. Betsy's castle is not to the left of David's.
5. There are three castles between David's and Betsy's.

Cut out the cards at the bottom of the page to help you if you would like. Then write your answers in the boxes below.

David | Susan | Molly | Deana | Betsy

Road Trip Brainteaser
Answer Key

Stephanie, Taylor, Fred, and Rachel are going on road trips this summer. They are each traveling to a different U.S. landmark (Statue of Liberty, Mount Rushmore, The Grand Canyon, and The Golden Gate Bridge) and will drive a different number of miles (1,740, 1,104, 1,240, and 1,785).

Use the clues below to determine each person's destination and the total number of miles they will drive.

1. Fred is driving the least amount of miles.
2. Stephanie is going to the state Farthest east.
3. The person driving to California is driving the most miles.
4. A girl (Rachel or Stephanie) is going to South Dakota.
5. Stephanie is driving Farther than Rachel.
6. Taylor is driving to the state Farthest west.

Show your work and your answer here:

Fred is going to see The Grand Canyon and will drive 1,104 miles.
Rachel is going to see Mount Rushmore and will drive 1,240 miles.

Sunrise, Sunset #1
Answer Key

Kyle lives in Denver, Colorado. She keeps track of the time the sun rises and sets once a week during the summer. Complete her chart by determining the amount of daylight on each date using the sunrise and sunset times given. One of the problems has been done for you.

Date	Sunrise Time	Sunset Time	Hours & Minutes of Daylight
May 1st	6:01 a.m.	7:53 p.m.	13 hours 52 minutes
May 8th	5:53 a.m.	8:00 p.m.	14 hours 7 minutes
May 15th	5:45 a.m.	8:07 p.m.	14 hours 22 minutes
May 22nd	5:40 a.m.	8:13 p.m.	14 hours 33 minutes
May 29th	5:35 a.m.	8:19 p.m.	14 hours 44 minutes
June 5th	5:33 a.m.	8:24 p.m.	14 hours 51 minutes

Sunrise, Sunset #2
Answer Key

Jason lives in San Diego, California. He keeps track of the time the sun rises and sets once a week during the summer. Complete his chart by filling in the missing information in each row. One of the problems has been completed for you.

Date	Sunrise Time	Sunset Time	Hours & Minutes of Daylight
May 6th	5:57 a.m.	7:33 p.m.	13 hours 36 minutes
May 13th	5:51 a.m.	7:39 p.m.	13 hours 48 minutes
May 20th	5:47 a.m.	7:43 p.m.	13 hours 56 minutes
May 27th	5:43 a.m.	7:48 p.m.	14 hours 5 minutes
June 3rd	5:41 a.m.	7:52 p.m.	14 hours 11 minutes
June 10th	5:40 a.m.	7:56 p.m.	14 hours 16 minutes
June 17th	5:41 a.m.	7:58 p.m.	14 hours 17 minutes
June 24th	5:42 a.m.	8:00 p.m.	14 hours 18 minutes
July 1st	5:44 a.m.	8:01 p.m.	14 hours 17 minutes
July 8th	5:48 a.m.	8:00 p.m.	14 hours 12 minutes
July 15th	5:51 a.m.	7:58 p.m.	14 hours 7 minutes
July 22nd	5:56 a.m.	7:54 p.m.	13 hours 58 minutes
July 29th	6:00 a.m.	7:50 p.m.	13 hours 50 minutes
August 5th	6:05 a.m.	7:44 p.m.	13 hours 39 minutes
August 12th	6:10 a.m.	7:37 p.m.	13 hours 27 minutes

Ice Cream Truck #1
Answer Key

Each item from the ice cream truck can be purchased using the money combinations below. Find the total cost of each item by completing the table. The first problem has been done for you.

	Penny	Nickel	Dime	Quarter	Dollar	Total
Single scoop cone	5	1		3		$0.85
Double scoop cone	5		1	6		$1.65
Triple scoop cone	5	5	2	3	1	$2.25
Single scoop waffle cone	9	2	3	4	1	$2.49
Double scoop waffle cone	9		4	6	1	$2.99
Triple scoop waffle cone	9	5	2	3	2	$3.29
Sundae Cup small	5	2	4	1		$0.80
Sundae Cup	10	3	3	2		$1.05

Ice Cream Truck #2
Answer Key

Each item From the ice cream truck can be purchased using the money combinations below. Complete the table below by Filling in the missing information. The first problem has been done for you.

	Penny	Nickel	Dime	Quarter	$1.00 Bill	Total
Ice Cream Sandwich vanilla	10	3	0	3	2	$3.00
Ice Cream Sandwich mint	5	1	0	1	3	$3.35
Snow Cone Small	0	3	1	5	1	$2.50
Snow Cone Large	4	4	5	3	2	$3.49
Push up Pop	15	6	1	6	1	$3.05
Drumstick	4	1	1	4	2	$3.19
Fudgsicle	5	5	5	5	0	$2.05
Strawberry	6	5	1	3	2	$3.46

Sunny Sentences #1
Answer Key

Balance each set of equations by determining the hidden number in each set of number sentences.

1. 9 + 4 = 15 - 2	2. 10 - 6 = 12 - 8	3. 9 + 9 = 11 + 7
4. 8 + 7 = 20 - 5	5. 12 - 9 = 15 - 12	6. 6 + 6 = 4 + 8
7. 3 + 5 = 7 + 1	8. 10 - 3 = 14 - 7	9. 4 + 8 = 6 + 6
10. 16 - 5 = 8 + 3	11. 7 + 8 = 19 - 4	12. 8 - 2 = 13 - 7

Sunny Sentences #2
Answer Key

Balance each set of equations by determining the hidden number in each set of number sentences.

1. 35 + 15 = 12 + 38	2. 18 + 17 = 50 - 15	3. 46 - 16 = 19 + 11
4. 60 - 11 = 71 - 22	5. 32 + 32 = 72 - 8	6. 80 + 9 = 100 - 11
7. 29 + 11 = 65 - 25	8. 22 + 22 = 70 - 26	9. 75 - 16 = 19 + 40
10. 16 + 16 = 49 - 17	11. 95 - 39 = 17 + 39	12. 48 + 42 = 100 - 10
13.	14.	15.

SWIM Brainteaser
Answer Key

Arrange the letters in SWIM so there is only one of each letter in the word in every row, column, and 2x2 box.

M	W	S	I
S	I	W	M
W	M	I	S
I	S	M	W

JUNE Brainteaser
Answer Key

Arrange the letters in JUNE so there is only one of each letter in the word in every row, column, and 2x2 box.

U	E	N	J
N	J	E	U

JULY Brainteaser
Answer Key

Arrange the letters in JULY so there is only one of each letter in the word in every row, column, and 2x2 box.

Y	J	U	L
L	U	Y	J

Name_____

CASTLE Brainteaser
Answer Key

Arrange the letters in CASTLE so there is one of every letter in the word in every row, column, and 2x3 box.

E	S	L	T	A	C
A	T	C	E	S	L
S	L	T	C	E	A
C	A	E	S	L	T
L	C	S	A	T	E
T	E	A	L	C	S

FATHER Brainteaser
Answer Key

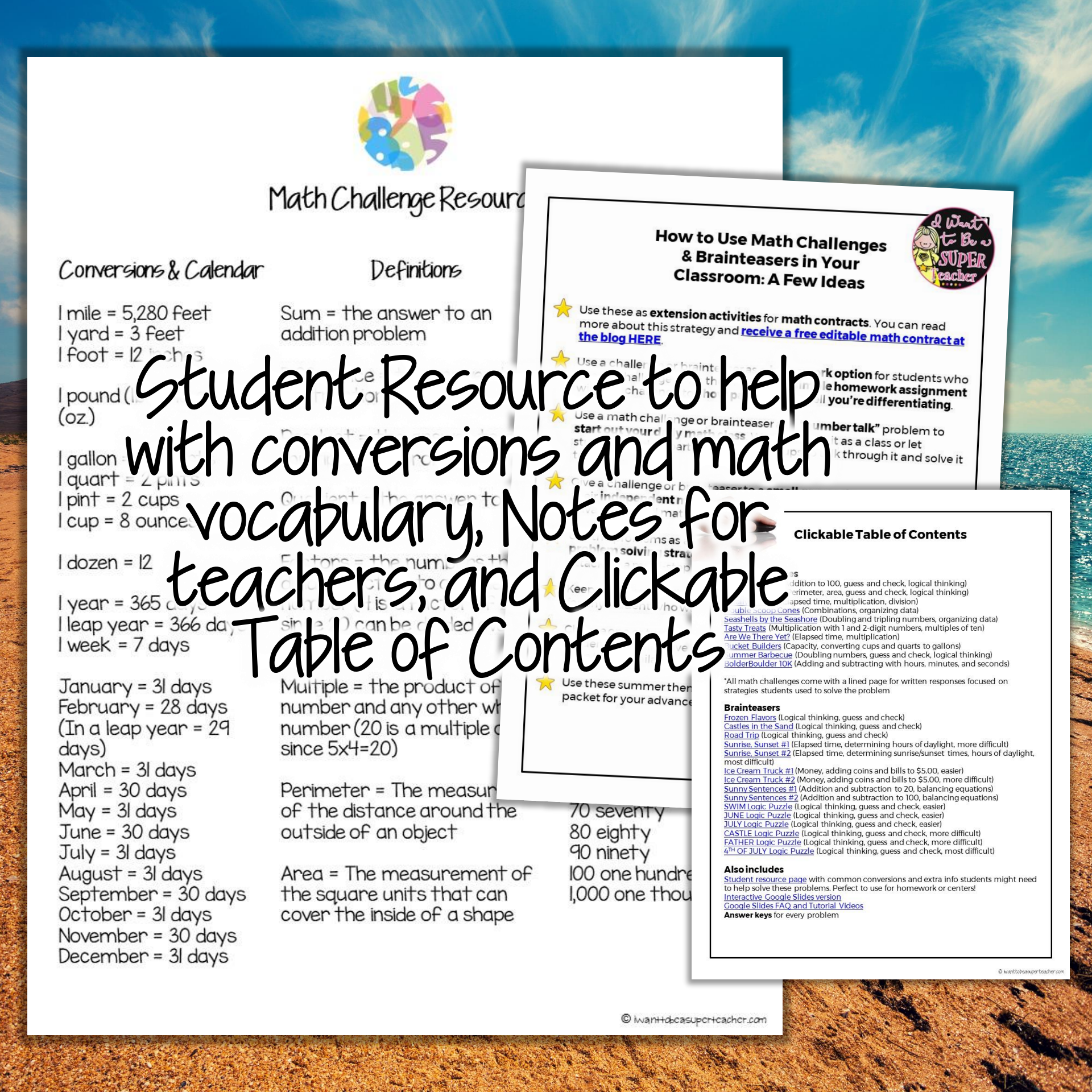
Arrange the letters in FATHER so there is one of every letter in the word in every row, column, and 2x3 box.

H	R	E	T	A	F
T	F	A	E	R	H
E	H	F	A	T	R

4TH OF JULY Brainteaser
Answer Key

Arrange the number and letters in 4TH OF JULY so there is one of every letter in the word in every row, column, and 3x3 box.

U	Y	T	O	L	4	F	H	J
4	O	F	H	J	Y	L	U	T
H	L	J	T	F	U	O	Y	4
F	H	Y	U	T	O	J	4	L
L	4	O	F	H	J	Y	T	U
J	T	U	Y	4	L	H	O	F
O	J	4	L	Y	T	U	F	H
T	U	H	J	O	F	4	L	Y
Y	F	L	4	U	H	T	J	O



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