

Name _____



Math Challenge Hippity Hop

There are seven bunnies competing in a hopping contest. Each bunny hops 2 inches, and each bunny after the first hops the same distance as the previous bunny, **how many feet and inches** will the winner have hopped?

Show your work in the box below.

Math Challenges & Brainteasers for April with Easter, Baseball, April Fools' Day, Rain, & Spring Break Themes

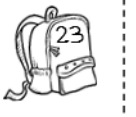
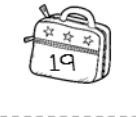
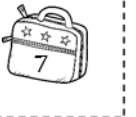
Name _____



April Fools

As an April Fools' Day joke, Mr. Parke mixed up his students' backpacks and lunch boxes. Use the numbers on the items to put pairs of backpacks and lunch boxes together. Each set of items will have the same sum. 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.

Jackie	Samuel	Rebekah	Clarence	Anthony
				

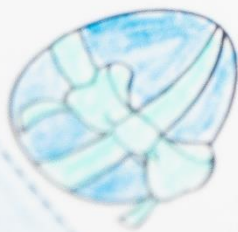
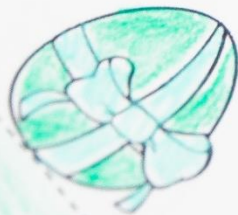
Print & Go PDF



- Each chocolate egg is filled with a different type of surprise. Use the clues below to determine which egg is which and fill in the answers in the boxes below.
1. The Dark Chocolate egg is one egg to the left of the Raspberry egg.
 2. There is one egg between the Cadbury Dairy Milk egg and the Raspberry egg.
 3. The Mint egg is to the left of the Raspberry egg.
 4. There is one egg between the Cadbury Dairy Milk egg and the Raspberry egg.
 5. There is one egg between the Cadbury Dairy Milk egg and the Raspberry egg.

Scrambled Eggs

Peanut
Butter



Dark
Chocolate

+ Google Slides versions

Jeepers Peepers

Christina is buying Peeps for a class party. Peeps are sold in 3 types of packs. A 3 Pack is \$2.00, a 4 Pack is \$3.00, and a 10 Pack is \$5.00. Use the clues below to determine how many of each type of pack Christina bought.

Clue #1: Christina spent \$20.00 total.
Clue #2: Christina bought 6 packs of Peeps in all.
Clue #3: Christina bought at least one of each type of pack.

Write at least 3 sentences explaining how you found your answer here.

Show your work and answer here.

Type your answers in the boxes or use these moveable pieces to show your work & answer.

1	6	+
2	7	-
3	8	×
4	9	=
5	0	÷
		,

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11 Math Challenges



Math Challenge Racking up Recyclables

Mrs. Mann's class is collecting recyclable materials to celebrate Earth Day. Use the place value clues below to determine the number of recyclable items Mrs. Mann's class collected.

- Clue #1: I am a three digit number.
Clue #2: The sum of my digits is 20.
Clue #3: The digit in my tens place is one more than the digit in my ones place.
Clue #4: The digit in my hundreds place is two less than the digit in my ones place.

Use the box below to show your work.



Math Challenge Spring Break

Tyson can't wait for Spring Break! If it is 9:00 a.m. on April 1st, and Tyson's Spring Break starts on April 15th, how many hours will Tyson need to wait for Spring Break to begin?

Show your work in the box below.

Name _____



Math Challenge MLB Stats

During the 2016 Major League Baseball season, all of these teams won over 70 games. Use the clues below to determine how many games each team won.

- The Cleveland Indians won 20 more games than the Los Angeles Angels.
- The Yankees won 10 fewer games than the Indians.
- The Cubs and the Tigers won 184 games in all.
- The Dodgers won 2 fewer games than the Cubs.
- The Red Sox won 4 more games than the Yankees.
- The Angels and Phillies won 145 games altogether.
- The Mets won 16 fewer games than the Cubs.
- The Rangers and Orioles won 181 games altogether.
- The Yankees won 9 more games than the Rockies.

Team	Total Games Won
Los Angeles Angels	74
Colorado Rockies	
Cleveland Indians	
Philadelphia Phillies	
New York Yankees	
Texas Rangers	95
Los Angeles Dodgers	
Baltimore Orioles	
New York Mets	

Name _____



Math Challenge Jeepers Peepers

Christina is buying Peeps for a class party. Peeps are sold in 3 types of packs. A 3 Pack is \$2.00, a 4 Pack is \$3.00, and a 10 Pack is \$5.00. Use the clues below to determine how many of each type of pack Christina bought:

- Clue #1: Christina spent \$20.00 total.
Clue #2: Christina bought 6 packs of Peeps in all.
Clue #3: Christina bought at least one of each type of pack.

Show your work in the box below.

Name _____



Math Challenge Flower Garden

Abby's Flower garden is 6 feet long and 4 feet wide. If she plants 5 flowers in every square foot of her garden, how many flowers will she plant in all?

Show your work in the box below.

Name _____



Math Challenge Rain Rain Go Away

In the month of April it rained every day for two weeks. If it rained 1 inch on day 1 and doubled every day after that, how many inches did it rain in two weeks?

Show your work in the box below.

Name _____



Math Challenge Candy Count

In Ruth's Easter basket she has chocolate eggs, jelly beans, Peeps and Sweet Tarts. Ruth has exactly 100 pieces of candy. Use the clues below to determine how many of each type of candy she has.

- Clue #1: There are 70 total chocolate eggs and jelly beans.
Clue #2: There are 4 more Sweet Tarts than chocolate eggs.
Clue #3: If Ruth ate everything in her basket except the jelly beans she would eat 47 pieces of candy.

Show your work in the box below.

Name _____



Math Challenge Egg Hunt

Aleks, Emma, Simone, and Thomas just finished hunting for chocolate eggs. They found 100 eggs altogether. Use the clues below to determine how many eggs each person found.

- Clue #1: Emma found half the number of eggs that Aleks did.
Clue #2: Thomas found 30 less eggs than Aleks.
Clue #3: Simone and Thomas found 37 eggs in all.

Show your work in the box below.

Name _____



Math Challenge Chocolate Bunnies

Gabe is planning to buy chocolate bunnies for his teacher and classmates. Chocolate bunnies are sold in 3 sizes: 16 oz. large, 5 oz. regular, and 3 oz. mini. If he buys exactly 5 pounds of chocolate bunnies and buys at least one of each size of bunny, how many of each bunny could he buy? List all possible combinations in the table.

Show your work in the box below.

16 oz. Large	5 oz. Regular	3 oz. Mini

Name _____



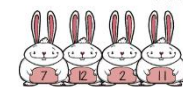
Math Challenge Hippity Hop

There are seven bunnies competing in a hopping contest. If the first bunny hops 2 inches and each bunny after the first hops twice the length of the previous bunny, how many feet and inches will the final bunny hop?

Show your work in the box below.

Name _____

Math Challenge Basket of Bunnies



There are two groups of bunnies. If three bunnies are moved into the basket, all three groups of bunnies will have the same sum. What is the sum of every group when the three bunnies are moved?

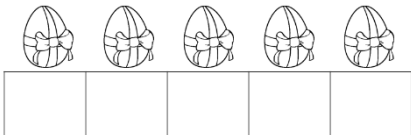
Show your work in the box below.

15 Brainteasers

Scrambled Eggs

Each chocolate egg is filled with a different type of sugary sweet filling. Use the clues below to determine which egg is which. 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.

1. The Dark Chocolate egg is one egg to the left of the Cadbury Cream.
2. There is one egg between the Cadbury Cream and Peanut Butter egg.
3. The Mint egg is to the left of the Raspberry Cream.
4. There is one egg between the Dark Chocolate and Mint egg.
5. There is one egg between the Cadbury Cream and Raspberry Cream.



Rabbit Reasoning

Four bunnies are coloring eggs for Easter. Each bunny has a different color of fur (blue, pink, purple, yellow) and has painted their egg a different color (blue, pink, purple, yellow).

Use the clues below to determine the color of fur and egg each bunny has.

1. The girls (Raven and Rhonda) are holding the pink and yellow eggs.
2. Neither of the boys have blue fur.
3. The purple rabbit has the purple egg.
4. The blue rabbit is not holding the yellow egg.
5. Rick does not have yellow fur.
6. Rhonda has pink fur.

Show your work and your answer here:



April Fools

As an April Fools' Day joke, Mr. Parke mixed up his students' backpacks and lunch boxes. Use the numbers on the items to put pairs of backpacks and lunch boxes together. Each set of items will have the same sum. 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.

Jackie	Samuel	Rebekah	Clarence	Anthony

Lamb Lunch

Four lambs are eating their favorite flowery treats. Each lamb has a different color of wool (blue, grey, yellow, white) and is eating a different type of flower (daffodil, rose, daisy, lily).

Use the clues below to determine the color of wool each lamb has and the type of flower each one is chomping.

1. One of the boys has blue wool.
2. The white lamb is not eating a lily.
3. Sheep does not have white wool.
4. The girls (Shelly and Shirley) do not have white wool.
5. The lamb eating the rose has yellow wool.
6. Shirley does not have grey wool.
7. The lamb with grey wool is eating a daisy.

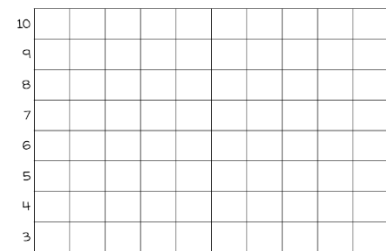
Show your work and your answer here:



Sherman has _____ wool and is eating a _____
 Shelly has _____ wool and is eating a _____
 Shirley has _____ wool and is eating a _____
 Sheep has _____ wool and is eating a _____

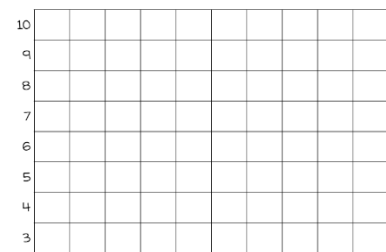
Egg Hunt #1

There is one egg hidden on the graph below. Use the clues at the bottom of the page to determine where the egg is hidden. When you find the location of the egg, draw it in the correct box on the graph.



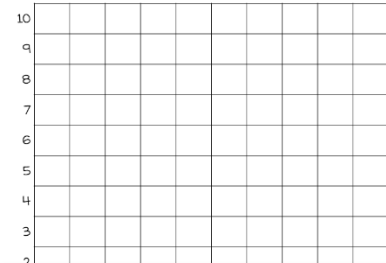
Egg Hunt #2

There is one egg hidden on the graph below. Use the clues at the bottom of the page to determine where the egg is hidden. When you find the location of the egg, draw it in the correct box on the graph.



Egg Hunt #3

There is one egg hidden on the graph below. Use the clues at the bottom of the page to determine where the egg is hidden. When you find the location of the egg, draw it in the correct box on the graph.



Spring Sentences #1

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

1. + 2 = 20 - 5	2. = 10 - 2	3. 16 + 3 = + 7
4. 5 + 7 = 15 -	5. 18 - 9 = + 7	6. + 3 = 7 + 7
7. 2 + 5 = + 3	8. 11 - = 20 - 17	9. 4 + 8 = 6 +
10. - 5 = 6 + 4	11. 6 + 11 = - 1	12. 11 - = 3 + 4
13. 15 + = 12 + 8	14. 16 - = 1 + 6	15. 17 - 4 = 6 +
16. - 4 = 6 + 4	17. 12 + = 8 + 7	18. 16 + 2 = - 2

Spring Sentences #2

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

1. + 42 = 35 + 27	2. 45 - = 60 - 40	3. 39 + 18 = + 15
4. 72 - 19 = 60 -	5. 44 + 44 = - 2	6. 25 + 65 = - 10
7. 56 + 7 = - 9	8. 16 + = 80 - 27	9. 91 - 30 = 45 +
10. + 13 = 95 - 11	11. 70 - 12 = + 29	12. 54 - = 63 - 54
13. 100 - = 8 + 56	14. 29 + = 14 + 46	15. 77 - 33 = 22 -
16. + 54 = 39 + 61	17. 62 - = 90 - 87	18. 82 + 16 = + 80

RAIN Brainteaser

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

	R		
		A	
N		R	

HUNT Brainteaser

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

			T
	U	N	
	N		

SPRING Brainteaser

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

S				I
				G

SHOWER Brainteaser

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

R		O		S
			W	
E				

BASKET Brainteaser

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

T				
		B		S
S	A			

HOME RUNS Brainteaser

Arrange the letters and picture in HOME RUNS so there is one of each letter/picture in the words in every row, column, and 3x3 box. Don't forget the (U).

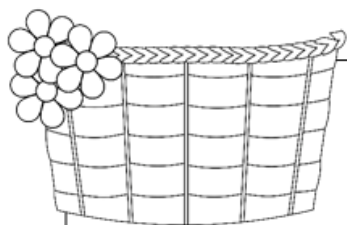
N	M					O
R	O		E			
						R
	N	H	E			O
			S			M
						S
				H	E	U
E	M		R	H		S

Name _____

Math Challenge Basket of Bunnies



There are two groups of bunnies. If three bunnies are moved from one group to the other, all three groups of bunnies will have the same sum. How many bunnies were in each group when the three bunnies are moved?



Show your work in the box below.

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?



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

Answer Keys for every problem



Math Challenge Recycling Recyclables Answer Key

Mrs. Mann's class is collecting recyclable materials to celebrate Earth Day. Use the place value clues below to determine the number of recyclables Mrs. Mann's class collected.

- Cue #1: I am a three digit number.
- Cue #2: The sum of my digits is 23.
- Cue #3: The digit in my tens place is one more than the digit in my ones place.
- Cue #4: The digit in my hundreds place is two less than the digit in my ones place.

Mrs. Mann's class collected 587 recyclable items.

Students keep track of their work in a chart similar to the one below. The four groups shown in the table are the only three digit numbers that fit with Cue #3, the digits total 23, and have a single digit in each place value spot. If it is possible in the ones place, an 1 would be needed for the hundreds place. Of these four possibilities, the one that also works with Cue #4 is 587.



Math Challenge MLB Stats Answer Key

During the 2016 Major League Baseball season, all of these teams won over 70 games. Use the clues below to determine how many games each team won.

- The Cleveland Indians won 20 more games than the Los Angeles Angels.
- The Kansas City Royals won 10 more games than the Indians.
- The Colorado Rockies won 10 more games than the Indians.
- The Detroit Tigers won 10 more games than the Indians.
- The Los Angeles Angels won 10 more games than the Indians.
- The San Francisco Giants won 10 more games than the Indians.
- The St. Louis Cardinals won 10 more games than the Indians.
- The Texas Rangers won 10 more games than the Indians.
- The Toronto Blue Jays won 10 more games than the Indians.
- The Washington Nationals won 10 more games than the Indians.
- The New York Yankees won 10 more games than the Indians.
- The Boston Red Sox won 10 more games than the Indians.
- The Chicago Cubs won 10 more games than the Indians.
- The Philadelphia Phillies won 10 more games than the Indians.

Team	Total Games Won
Los Angeles Angels	74
Colorado Rockies	75
Cleveland Indians	94
Philadelphia Phillies	71



Math Challenge Flower Garden Answer Key

Abby's Flower garden is 6 feet long and 4 feet wide. If she plants 5 flowers in every square foot of her garden, how many flowers will she plant?

Show your work in the box below.

Abby will plant 120 flowers in her garden.

Area of Flower garden is 6 feet x 4 feet = 24 square feet
24 square feet x 5 flowers per square foot = 120 total flowers



Math Challenge Candy Count Answer Key

In Ruth's Easter basket she has five different types of jelly beans: Peas and Sweet Tarts. Ruth has exactly 100 pieces of candy. Use the clues below to determine how many of each type of candy she has.

- Cue #1: There are 20 more Peas than Sweet Tarts.
- Cue #2: There are 4 more Sweet Tarts than Peas.
- Cue #3: If Ruth ate every thing in her basket except the jelly beans she would eat 17 pieces of candy.

Show your work in the box below.

53 Jelly Beans
21 Sweet Tarts
17 Chocolate Eggs
4 Diners



Math Challenge Spring Break Answer Key

Tyson can't wait for Spring Break! If it is 9:00 am on April 1st, and Tyson's Spring Break starts on April 5th, how many hours will Tyson need to wait for Spring Break to begin?

Show your work in the box below.

Tyson will need to wait 327 hours for Spring Break to begin.

Date	Hours of waiting	Running Total
April 1st	8 hours (24 hours - 16 hours)	8
April 2nd	24 hours	32
April 3rd	24 hours	56
April 4th	24 hours	80
April 5th	24 hours	104
April 6th	24 hours	128
April 7th	24 hours	152
April 8th	24 hours	176
April 9th	24 hours	200
April 10th	24 hours	224
April 11th	24 hours	248
April 12th	24 hours	272
April 13th	24 hours	296
April 14th	24 hours	320
April 15th	24 hours	344



Math Challenge Jasper's Peeps Answer Key

Christina is buying Peeps for a class party. Peeps are sold in 3 types of packs. A 3-Pack is \$2.00, a 4-Pack is \$3.00, and a 6-Pack is \$5.00. Use the clues below to determine how many of each type of pack Christina bought.

- Cue #1: Christina spent \$20.00 total.
- Cue #2: Christina bought 10 Peeps in all.
- Cue #3: Christina bought at least one of each type of pack.

Show your work in the box below.

Christina bought:
Two 3-Packs
Two 4-Packs
Two 6-Packs

All possible combinations that total \$20.00 are shown in the table. The only combination that fits the criteria given in the problem is 2 3-Packs, 2 4-Packs, and 2 6-Packs.

3-Pack	4-Pack	6-Pack
--------	--------	--------



Math Challenge Rain Run Go Away Answer Key

In the month of April it rained every day for two weeks. If it rained on half an inch of rain every day, how much rain did it rain in two weeks?

Show your work in the box below.

In two weeks it would rain 16.385 inches.

Day	Inches of Rain	Running Total
1	1	1
2	1	2
3	1	3
4	1	4
5	1	5
6	1	6
7	1	7
8	1	8
9	1	9
10	1	10
11	1	11
12	1	12
13	1	13
14	1	14
15	1	15
16	1	16
17	1	17
18	1	18
19	1	19
20	1	20
21	1	21
22	1	22
23	1	23
24	1	24
25	1	25
26	1	26
27	1	27
28	1	28
29	1	29
30	1	30
31	1	31



Math Challenge Egg Hunt Answer Key

Aleks, Emma, Simone, and Thomas just finished hunting for chocolate eggs. They found 100 eggs altogether. Use the clues below to determine how many eggs each person found.

- Cue #1: Emma found half the number of eggs that Aleks did.
- Cue #2: Thomas found 50 less eggs than Aleks.
- Cue #3: Simone and Thomas found 57 eggs in all.

Aleks Found 42 eggs
Emma Found 21 eggs
Simone Found 25 eggs
Thomas Found 12 eggs

The most efficient way to solve this problem is to use Cue #3 to determine that Aleks and Emma found 42 eggs altogether (100-57). Then use Cue #1 to determine that Aleks found 28 eggs and Emma found 14 eggs.



Math Challenge Chocolate Bunnies Answer Key

Gabe is planning to buy chocolate bunnies for his teacher and classmates. Chocolate bunnies are sold in 3 sizes: 1 oz, 2 oz, and 3 oz. Use the clues below to determine how many of each size bunny Gabe should buy.

- Cue #1: Gabe wants to buy 5 pounds of chocolate bunnies.
- Cue #2: Gabe wants to buy at least one of each size bunny.
- Cue #3: Gabe wants to buy the least number of bunnies possible.

5 pounds = 80 ounces per pound x 5 = 80 ounces

16 oz. Large	5 oz. Regular	3 oz. Mini
1	2	18
1	5	13
1	8	8



Math Challenge Hippity Hop Answer Key

There are seven bunnies competing in a hopping contest. If the first bunny hops 2 inches each second, the second bunny hops 1 inch each second, the third bunny hops 1 inch each second, the fourth bunny hops 1 inch each second, the fifth bunny hops 1 inch each second, the sixth bunny hops 1 inch each second, and the seventh bunny hops 1 inch each second, how many inches will the first bunny hop in 10 seconds?

Show your work in the box below.

The tenth bunny will hop 10 Feet 8 Inches.

Bunny #	# of inches
1	2
2	4
3	8
4	16
5	32
6	64
7	128
8	256
9	512
10	1024



Math Challenge Basket of Bunnies Answer Key

There are two groups of bunnies. If three bunnies are moved into the basket of three groups of bunnies will have the same sum. What is the sum of every group when the three bunnies are moved?

- Cue #1: Christina bought 10 Peeps in all.
- Cue #2: Christina bought at least one of each type of pack.

Show your work in the box below.

The sum of every group will be 30.

3-Pack	4-Pack	6-Pack
--------	--------	--------



Math Challenge Scrambled Eggs Answer Key

Each chocolate egg is filled with a different type of sugary sweet filling. Use the clues below to determine which egg is which. 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.

- 1. The Dark Chocolate egg is one egg to the left of the Cadbury Cream egg.
- 2. There is one egg between the Cadbury Cream and Peanut Butter egg.
- 3. The Mint egg is to the left of the Raspberry Cream egg.
- 4. There is one egg between the Dark Chocolate and Mint egg.
- 5. There is one egg between the Cadbury Cream and Raspberry Cream egg.

Peanut Butter	Dark Chocolate	Cadbury Cream	Mint	Raspberry Cream
---------------	----------------	---------------	------	-----------------



Math Challenge Rabbit Reasoning Answer Key

Four bunnies are coloring eggs for Easter. Each bunny has a different color of fur (blue, pink, purple, yellow) and has painted their egg a different color (blue, pink, purple, yellow). Use the clues below to determine the color of fur and egg each bunny has.

- 1. The girl bunny and Rhonda are holding the pink and yellow eggs.
- 2. Neither of the boys have blue fur.
- 3. The purple rabbit has the purple egg.
- 4. The blue rabbit is not holding the yellow egg.
- 5. Rick does not have yellow fur.
- 6. Rhonda has pink fur.

Show your work and your answer here.



Math Challenge April Fools Answer Key

As an April Fool's Day joke, Mr. Sparks mixed up his students' backpacks and lunch boxes. Use the numbers on the items to put pairs of backpacks and lunch boxes together. Each set of items will have the same sum. 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.

Jackie	Samuel	Rebekah	Glennice	Anthony
--------	--------	---------	----------	---------



Math Challenge Lamb Lunch Answer Key

Your lamb is eating their favorite flower treats. Each lamb has a different color of wool (blue, grey, yellow, white) and is eating a different type of flower (daffodil, rose, daisy, tulip). Use the clues below to determine the color of wool each lamb has and the type of flower each lamb is eating.

- 1. One of the boys has blue wool.
- 2. The white lamb is not eating a tulip.
- 3. Sheep does not have white wool.
- 4. The girl bunny and Sam are not eating a tulip.
- 5. The lamb eating fine rose has yellow wool.
- 6. Sam does not have grey wool.
- 7. The lamb with grey wool is eating a daisy.

Show your work and your answer here.

Samuel	Rebekah	Glennice	Anthony
--------	---------	----------	---------

Shirley has white wool and is eating a daffodil.
Shelly has grey wool and is eating a daisy.
Shelly has yellow wool and is eating a rose.
Shelly has blue wool and is eating a tulip.



Math Challenge Egg Hunt #1 Answer Key

There is one egg hidden on the graph below. Use the clues at the bottom of the page to determine where the egg is hidden. When you find the location of the egg, draw it in the correct box on the graph.

The ordered pair boxes are marked in red. The light blue boxes denote rows/columns of boxes that should be eliminated since they are in the same row/column of an ordered pair box. The egg is hidden at (5, 6).

10									
9									
8									
7									
6									
5									
4									
3									



Math Challenge Egg Hunt #2 Answer Key

There is one egg hidden on the graph below. Use the clues at the bottom of the page to determine where the egg is hidden. When you find the location of the egg, draw it in the correct box on the graph.

The ordered pair boxes are marked in yellow. The blue boxes denote rows/columns of boxes that should be eliminated since they are in the same row/column of an ordered pair box. The egg is hidden at (5, 5).

10									
9									
8									
7									
6									
5									
4									
3									



Math Challenge Egg Hunt #3 Answer Key

There is one egg hidden on the graph below. Use the clues at the bottom of the page to determine where the egg is hidden. When you find the location of the egg, draw it in the correct box on the graph.

The ordered pair boxes are marked in purple. The green boxes denote rows/columns of boxes that should be eliminated since they are in the same row/column of an ordered pair box. The egg is hidden at (5, 5).

10									
9									
8									
7									
6									
5									
4									
3									



Math Challenge Spring Sentences #1 Answer Key

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

1. $13 + 2 = 20 - 5$	2. $12 - 4 = 10 - 2$	3. $16 + 3 = 12 + 7$
4. $5 + 7 = 15 - 3$	5. $18 - 9 = 2 + 7$	6. $11 + 3 = 7 + 7$
7. $2 + 5 = 4 + 3$	8. $11 - 8 = 20 - 17$	9. $4 + 8 = 6 + 6$
10. $12 + 12 = 24 - 12$	11. $12 + 12 = 24 - 12$	12. $12 + 12 = 24 - 12$



Math Challenge Spring Sentences #2 Answer Key

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

1. $20 + 42 = 35 + 27$	2. $45 - 25 = 60 - 40$	3. $39 + 18 = 42 + 15$
4. $72 - 19 = 60 - 7$	5. $44 + 44 = 90 - 2$	6. $25 + 65 = 100 - 10$
7. $56 + 7 = 72 - 9$	8. $16 + 37 = 80 - 27$	9. $30 + 34 = 16 + 16$
10. $71 + 13 = 95 - 11$	11. $70 - 12 = 29 + 29$	12. $54 - 45 = 63 - 54$
13. $100 - 36 = 8 + 56$	14. $29 + 31 = 14 + 46$	15. $77 - 33 = 22 + 22$
16. $46 + 54 = 39 + 61$	17. $62 - 59 = 90 - 87$	18. $82 + 16 = 18 + 80$



Math Challenge RAIN Brainteaser Answer Key

Arrange the letters in RAIN so there is only one of each letter in the word in every row, column, and 3x3 box.

A	N	I	R
T	D	N	A



Math Challenge HUNT Brainteaser Answer Key

Arrange the letters in HUNT so there is only one of each letter in the word in every row, column, and 3x3 box.

U	T	H	N
N	U	T	H



Math Challenge SPRING Brainteaser Answer Key

Arrange the letters in SPRING so there is only one of every letter in the word in every row, column, and 3x3 box.

S	R	G	N	P	I
N	I	P	R	S	G



Math Challenge SHOWER Brainteaser Answer Key

Arrange the letters in SHOWER so there is only one of every letter in the word in every row, column, and 3x3 box.

R	E	W	O	H	S
S	H	O	R	W	E



Math Challenge BASKET Brainteaser Answer Key

Arrange the letters in BASKET so there is only one of every letter in the word in every row, column, and 3x3 box.

T	K	S	E	B	A
A	E	B	T	S	K



Math Challenge HOME Brainte



Math Challenge Resource

Conversions & Calendar

1 mile = 5,280 feet
1 yard = 3 feet
1 foot = 12 inches

1 pound (lb.) = 16 ounces (oz.)

1 gallon = 4 quarts
1 quart = 2 pints
1 pint = 2 cups
1 cup = 8 ounces

1 dozen = 12

1 year = 365 days
1 leap year = 366 days
1 week = 7 days

January = 31 days
February = 28 days
(In a leap year = 29 days)
March = 31 days
April = 30 days
May = 31 days
June = 30 days
July = 31 days
August = 31 days
September = 30 days
October = 31 days
November = 30 days
December = 31 days

Definitions

Simple = the sum of two or more numbers

Subtraction = the process of taking one number away from another

Product = the result of multiplication

Quotient = the result of division

Factors = the numbers that divide evenly into a number (2 is a factor of 20 since 20 can be divided evenly by 4)

Multiple = the product of a number and any other whole number (20 is a multiple of 4 since $5 \times 4 = 20$)

Perimeter = The measurement of the distance around the outside of an object

Area = The measurement of the square units that can cover the inside of a shape

How to Use Math Challenges & Brainteasers in Your Classroom: A Few Ideas



Student Resource to help with conversions and math vocabulary, Notes for teachers, and Clickable Table of Contents

★ Use these as extension activities for students who finish early or as a challenge for students who need a little extra. You can read more about this strategy and [receive a free editable math challenge packet at my blog HERE.](#)

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★ Keep a stack of challenge packets for students who want a challenge.

★ Choose one or two challenges to solve both. You can put additional incentives.

★ Print out the holiday-themed challenges as an option during some of the holidays.

Math Challenges

- Place value, adding multiple 1-digit numbers to 20, guess and check
- Subtracting 2-digit numbers, logical thinking
- Multiplying 2-digit by 1-digit numbers, counting by fives
- Adding and subtracting within 100, guess and check, logical thinking
- Jeepers Peepers (Converting days to hours, adding multiple 2-digit numbers)
- Rain Rain Go Away (Calendar math, doubling numbers, adding numbers with up to 4-digits)
- Egg Hunt (Addition and subtraction within 100, guess and check, logical thinking)
- Chocolate Bunnies (Converting ounces to pounds, organizing data, finding multiple combinations)
- Hipity Hop (Doubling numbers, converting inches to feet and inches)
- Basket of Bunnies (Adding 1 and 2-digit numbers, logical thinking, guess and check)

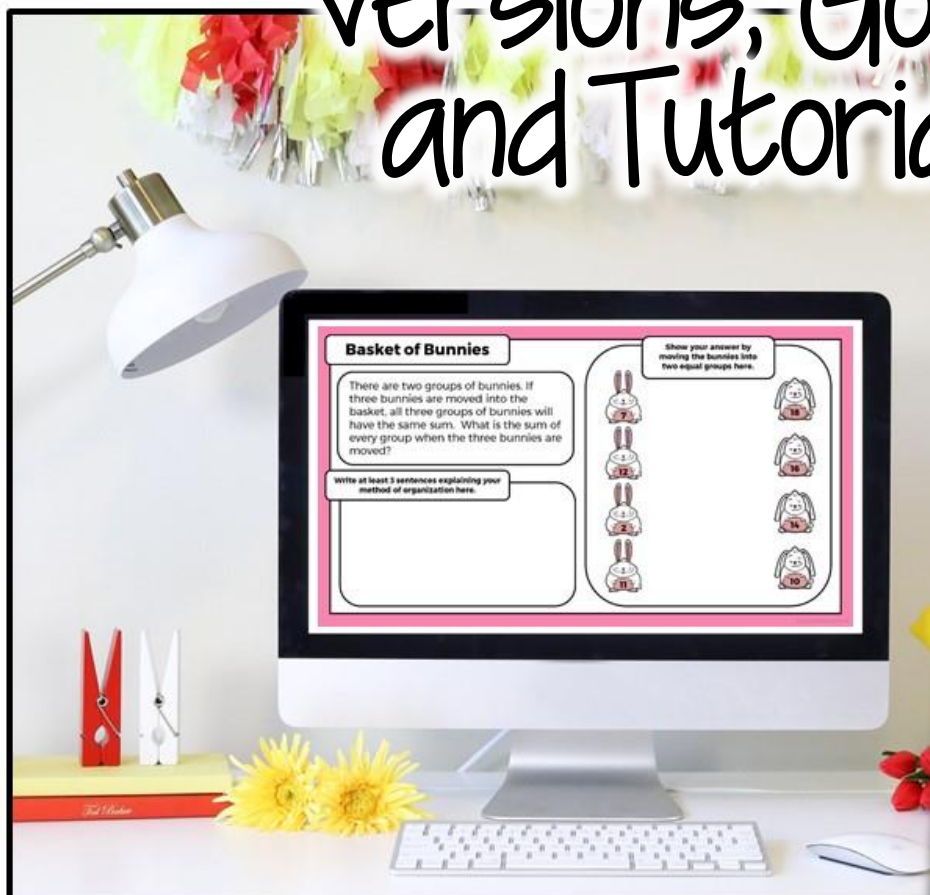
*All math challenges come with a lined page for written responses focused on strategies students used to solve the problem

Brainteasers

- Scrambled Eggs (Logical thinking, guess and check)
- Rabbit Reasoning (Logical thinking, guess and check)
- April Fools (Adding 1 and 2-digit numbers, logical thinking, guess and check)
- Lamb Lunch (Logical thinking, guess and check)
- Egg Hunt #1 (Using ordered pairs, letter & number coordinates, easier)
- Egg Hunt #2 (Using ordered pairs, numbered coordinates, more difficult)
- Egg Hunt #3 (Using ordered pairs, equation coordinates, most difficult)
- Spring Sentences #1 (Addition and subtraction within 20, balancing equations)
- Spring Sentences #2 (Addition and subtraction within 100, balancing equations)
- RAIN Logic Puzzle (Logical thinking, guess and check, easier)
- HUNT Logic Puzzle (Logical thinking, guess and check, easier)
- SPRING Logic Puzzle (Logical thinking, guess and check, more difficult)
- SHOWER Logic Puzzle (Logical thinking, guess and check, more difficult)
- BASKET Logic Puzzle (Logical thinking, guess and check, more difficult)
- HOME RUNS Logic Puzzle (Logical thinking, guess and check, most difficult)

Also includes
Student resource page with common conversions and extra info students might need to help solve these problems. Perfect to use for homework or centers!
Answer keys for every problem

Links to Google Slides versions, Google FAQ, and Tutorial Videos



Need a Digital/Interactive Version

An interactive Google Slides™ version of these activities is included in your purchase!

Simply click on this link, choose "Make a Copy", and the interactive slides will be uploaded to your Google Drive™.

If you have issues with the link, please email me at iwanttobeasuperteacher@gmail.com.

If you have questions about how to share the slides with students, please see the next two pages which include Google Slides™ FAQ and Tutorial Videos.

Check out these Google Slides Tutorial Videos

How to Use the Link & Make a Copy (+ Rename Your New File)

Click the link in this document → You will be directed to a page that asks "Would you like to make a copy?" → Select "Make a copy"



To rename the file, in the top left corner of the new file, click the title "Copy of ..." and you can type your new title

How to Find Your New File

Log in to your Google Drive (drive.google.com) → Click "My Drive" from the left navigation bar if not already selected → Your new file will be listed



How to Share Slides with Students (if not using Google Classroom)

Option 1: Have Students Make a Copy
Open the Slides from Google Drive → Select the "Share" button near the top right corner → Select "Get Shareable Link" from the top right of the pop-up → Select the link, copy/paste however you usually send information to students → By default, this link will allow anyone to VIEW the Slides. For students to make their own copy of this file to work in, they must go to "File" → "Make a copy"

Option 2: Share a Link that Forces Copy

Need extra help? Check out these Google Slides Tutorial Videos

How to Add & Remove Slides

To ADD a slide: Open a Slides presentation → Select the "+" button in the top left corner that says "New slide" when you hover over it.



To DELETE a slide: Open a Slides presentation → Select the slide you would like to delete → Press "Delete" on your keyboard OR right-click the slide and select "Delete"

How to Print Slides

To print each slide as its own page, go to "File" → "Print"



To adjust print settings such as how many slides per page and whether or not to include notes for Slides, go to "File" → "Print settings and preview" → Adjust print settings in the dropdown menu across the top → Select "Print"

If Using Google Classroom:

How to Share Slides with Google Classroom

In Google Classroom, select the "Classwork" tab → Select the "+ Create" button → Select "Assignment" → Select "Add" → "Google Drive" → Navigate to your Slides → From the dropdown menu, select "Make a Copy for Each Student" so everyone has their own copy to edit (if that is what you want)



How Students Work in Slides with Google Classroom

In Google Classroom, select the "Classwork" tab → Select the assignment and click on the Google Slides link with your name on it → Complete the task(s)



To submit, go back to Google Classroom → "Classwork" tab → Select the assignment → Select "View assignment" → On the right side, select the "Submit" button → Confirm that you are submitting the correct assignment

How to View Student Work with Google Classroom

In Google Classroom, select the "Classwork" tab → Select the assignment and click on "Turned in" → Select the thumbnail image or name of the file → Use the bar on the right to enter a grade and comments (optional) → Select "Return" in the top right corner so students will regain access to the file and be able to see their feedback

