Name_____



Math Challeng
Hotel Hauntin

There is a ghostly noise coming from one of the
Use the clues below to determine the room num

Clue #1: I am a three-digit number.
Clue #2: The digit in the ones place is 5 more tha
place.
Clue #3: The sum of my digits is 10.
Clue #4: I am greater than 150.

Use the box below to show



Math Challenge
Hotel Haunting
Answer Key

There is a ghostly noise coming from one of the rooms at the Stanley Hotel.
Use the clues below to determine the room number.

Clue #1: I am a three-digit number.
Clue #2: The digit in the ones place is 5 more than the digit in the hundreds place.
Clue #3: The sum of my digits is 10.
Clue #4: I am greater than 150.

ox b w to show your work.

ng from Room 217.

ir to the
s with a
36 is less
than 150, The answer is 217.

6	Eliminate - number is less than 150
7	Correct answer! 217
8	Eliminate - sum is greater than 10
9	Eliminate - sum is greater than 10

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Math Challenges & Brainteasers with Halloween themes including: pumpkins, cats, bats, monsters, haunted houses, skeletons, owls, zombies, candy & costumes

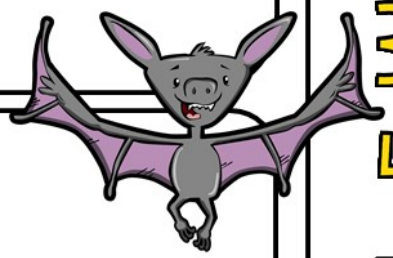
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Math Challenge
Dem Bones
Name
There are 206 bones in the adult human body. If there are 15 complete adult human skeletons in the "Spooky Skulls" museum exhibit, how many bones are there in all?
Show your work in the box below.
206 x 15 = ?
First, I split 206 into 200 and 6
because those are easier to work with
than 21
with 6
Third,
counting
1000
Finally
30
200 x 15 = 3000
6 x 15 = 90
15+15+15+15
30
200+200+200
1000
200

Bats in the Belfry

There are 20 adult bats in the belfry. If there are 12 baby bats for every adult bat, how many bats are in the belfry altogether?

Show your answer here.



Write at least 3 sentences explaining how you found your 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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13 Math Challenges

Name_____



Math Challenge
Candy Count

The four kids on Dreary Lane just finished Trick or Treating and are counting up all of their candy. They counted 100 pieces of candy in all. Use the clues below to determine how many pieces of candy each person has.

Clue #1: Jaclyn and David have the same number of candies.
Clue #2: Peter has 8 more pieces of candy than Alice.
Clue #3: Peter and Alice have 40 pieces of candy altogether.

Show your work in the box below.

Name_____



Math Challenge
Hotel Haunting

There is a ghostly noise coming from one of the rooms at the Stanley Hotel. Use the clues below to determine the room number:

Clue #1: I am a three-digit number.
Clue #2: The digit in the ones place is 5 more than the digit in the hundreds place.
Clue #3: The sum of my digits is 10.
Clue #4: I am greater than 150.

Use the box below to show your work.

Name_____



Math Challenge
Bats in the Belfry

There are 20 adult bats in the belfry. If there are 12 baby bats for every adult bat, how many bats are in the belfry altogether?

Show your work in the box below.

Name_____



Math Challenge
Dem Bones

There are 206 bones in the adult human body. If there are 15 complete adult human skeletons in the "Spooky Skulls" museum exhibit, how many bones are there in all?

Show your work in the box below.

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Name_____



Math Challenge
Clue Combinations

Tim is playing a game of Clue. He has the answer narrowed to two suspects (Miss Scarlet or Mr. Green), two rooms (the hall or the ballroom), and two weapons (the wrench or the rope). How many possible combinations of guesses does Tim have if he includes 1 person, 1 room, and 1 weapon in his guess?

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

Name_____



Math Challenge
Seed Scooping

Janet and Brad are carving pumpkins. **How many more cups** of seeds did Brad scoop than Janet?

Clue #1: Janet scooped 6 pints of seeds from her pumpkins.
Clue #2: Brad scooped 4 quarts of seeds from his pumpkins.

Show your work in the box below.

Name_____



Math Challenge
Haunted House

Jason's mother is taking him to a haunted house. There are 16 rooms in the house. If it takes 3 minutes to go through each room and Jason goes through the haunted house twice, **how many hours and minutes** will Jason spend in the haunted house?

Show your work in the box below.

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Name_____



Math Challenge
Candy Cost

Jamie bought bags of candy corns, candy bars, and suckers to give out to trick-or-treaters. She bought 6 total bags of candy. Candy corns cost $.75 cents per bag, suckers cost $2.50 per bag, and candy bars cost $4.25 per bag. Jamie paid with a $10.00 bill and received one quarter back in change. How many bags of each type of candy did Jamie buy if she bought at least one bag of each type of candy?

Show your work in the box below.

Name_____



Math Challenge
I Vant to Bob For Apples

Veronica, Val, Vivian, and Vincent are bobbing for apples at the Vampire Sundown Celebration. Altogether they caught 30 apples. Use the clues below to determine how many apples each vampire caught.

Clue #1: Vivian caught twice the number of apples that Veronica did.
Clue #2: Val and Vincent caught half of the total apples.
Clue #3: Vincent caught one more apple than Val.

Show your work in the box below.

Name_____



Math Challenge
Caramel Apples

At the Ooey Gooey Caramel Factory, caramel apples are cut into 6 equal pieces. Mary, Sarah, and Winifred shared 4 caramel apples. Use the clues below to determine **how many pieces of caramel apple** each person ate.

Clue #1: Winifred ate two whole caramel apples.
Clue #2: Sarah ate half as many pieces as Winifred.
Clue #3: Mary ate one-fourth of the pieces.

Show your work in the box below.

Name_____



Math Challenge
Monster Mash

At the annual Monster Mash, the monsters will take part in many exciting monster activities. Use the clues below to determine what time the Dance Contest will begin.

Clue #1: The Monster Mash begins at 5:30 p.m.
Clue #2: The Slimy Thing Eating Contest is 3 hours and 45 minutes after the Monster Mash begins.
Clue #3: The Monster Mash ends 1 hour 15 minutes after the eating contest.
Clue #4: The Dance Contest will be held exactly 2 hours before the Monster Mash ends.

Show your work in the box below.



Name_____



Math Challenge
Halloween Parade

The students at Howler Elementary are having a Halloween parade. At Howler Elementary there are 2 kindergarten classrooms, 3 first grade classrooms, 4 second grade classrooms, 4 third grade classrooms, 3 fifth grade classrooms, and 2 sixth grade classrooms. If the students walk through every classroom during the parade, and it takes 40 seconds to walk through one classroom, how many minutes will it take for one class to complete their Halloween parade walk?

Show your work in the box below.

Name_____



Math Challenge
The Leaves They are a-Changin'

The leaves on the tree outside Dylan's classroom are starting to change color. Dylan counts 40 yellow and 20 orange leaves on the tree. The rest of the leaves are still green. If one-fourth of the leaves are green, how many total leaves are on the tree?

Show your work in the box below.

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13 Brainteasers

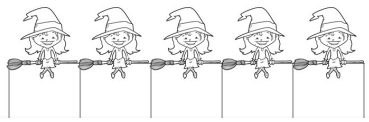
Name_____

Which Witch is Which?

There are five witches sitting on their broomsticks. Use the clues below to determine which witch is which.

1. Iris sits one spot to the left of Vera.
2. There are 3 witches between Iris and Elsie.
3. Naomi sits between Vera and Beatrix.

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_____

Candy Bowls

Each of these five bowls holds a different kind of candy. Use the clues below to determine which type of candy is in each bowl.

1. There are two bowls between the candy corns and the caramels.
2. The caramels are to the right of the bubble gum.
3. The taffy is to the left of the bubble gum.
4. There are two bowls between the taffy and the mini candy bars.
5. There is only one bowl of candy next to the candy corns.

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.



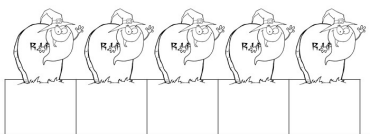
Name_____

Ghosts in the Graveyard

There are five ghosts in the graveyard. Use the clues below to determine which ghost is which.

1. Harold is between Sonny and Irvine.
2. Marvin is one grave to the left of Sonny.
3. There is only one ghost to the right of Harold.
4. There are two ghosts between Gerald and Harold.

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_____

Costume Kids






Sally, Danny, Paul, and Helen went trick or treating. They each wore a different costume (bird, monkey, frog, and panda). At the end of the night they counted the pieces of candy they collected. They each collected a different number of candies (95, 78, 105, and 99).

Use the clues below to determine the costume worn by each person and the number of candies he or she collected.

1. Danny and Paul collected over 200 pieces of candy in all.
2. The monkey collected 78 pieces of candy.
3. The girls' (Sally and Helen) were a monkey and a frog.
4. Danny was not the panda.
5. The bird collected the most pieces of candy.
6. Helen collected more pieces of candy than Sally.

Show your work and your answer here:

Danny was a _____ and collected _____ pieces of candy.

Helen was a _____ and collected _____ pieces of candy.

Paul was a _____ and collected _____ pieces of candy.

Sally was a _____ and collected _____ pieces of candy.

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Name_____



Hoo am I? #1

I am the sum of all five mystery numbers below.

Who am I? _____

	**Mystery Number #1** I am the number of dimes in one dollar.	
	**Mystery Number #2** I am 15 less than the number of seconds in one minute.	
	**Mystery Number #3** I am 12 more than the number of legs on an octopus.	
	**Mystery Number #4** I am the number of legs on 9 owls.	
	**Mystery Number #5**	

Name_____



Hoo am I? #2

I am the sum of all five mystery numbers below.

Who am I? _____

	**Mystery Number #1** I am a three-digit number greater than 150 and less than 500. The sum of my digits is 5. The digits in the ones and tens places are the same.	
	**Mystery Number #2** I am two dozen less than the number of pennies in $2.00.	
	**Mystery Number #3** I am the number of minutes in three hours.	
	**Mystery Number #4** I am 35 more than the number of days in one (regular) year.	
	**Mystery Number #5**	

Name_____



Spooky Sentences #1

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

1. 5 + 4 =  - 1	2.  + 9 = 14 - 2	3. 8 + 7 = 10 + 
4. 11 -  = 13 - 6	5. 20 - 5 =  + 6	6. 9 + 7 =  + 8
7. 2 + 5 =  - 5	8.  + 5 = 19 - 3	9. 4 + 9 = 20 - 
10.  + 10 = 3 + 17	11. 5 + 7 = 8 + 	12. 13 -  = 6 + 5
13. 9 +  = 2 + 11	14. 6 - 5 =  - 19	15. 15 - 7 =  + 4
16. 6 +  = 20 - 2	17.  + 7 = 8 + 4	18. 19 -  = 14 - 6

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Name_____



Spooky Sentences #2

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

1. 18 + 12 = 40 - 	2. 11 + 30 = - 9	3. 22 + = 95 - 51
4. + 25 = 61 - 16	5. 28 + 22 = - 25	6. 15 + 20 = 90 -
7. 7 + = 60 + 3	8. 22 + 77 = 15 +	9. 51 - = 19 + 12
10. + 45 = 99 - 9	11. 18 + 18 = - 4	12. 19 - 7 = - 88
13. 85 - 25 = - 19	14. + 22 = 72 - 36	15. 8 + 8 = 38 -
16.	17.	18.

Name_____

Black CATS Brainteaser

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

		T	A
	S		C

Name_____

Vampire BATS Brainteaser

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

T		A	
		S	B

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Name_____

ZOMBIE Brainteaser

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

	B				
		M	O		E
				E	
M	Z				B
			E		Z

Name_____

GHOULS Brainteaser

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

L	G	U			
U	L	O		S	
O				U	S

Name_____

CARVE IT UP Brainteaser

Arrange the letters in CARVE IT UP so there is one of every letter in the words in every row, column, and 3x3 box.

		P	U	E			I	
					T		R	P
U	V		P		E	I		
A		E			R	T		
				V				A
C	T						U	
E		U			P			
		V		I		C		

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Name_____



Math Challeng
Seed Scoopin

Janet and Brad are carving pumpkins. How
scoop than Janet?

Clue #1: Janet scooped 6 pints of seeds f
Clue #2: Brad scooped 4 quar

Sh

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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
Candy Count
Answer Key

The four kids on Dreary Lane just finished Trick or Treating and are counting up all of their candy. They counted 100 pieces of candy in all. Use the clues below to determine how many pieces of candy each person has.

Clue #1: Jaclyn and David have the same number of candies.
Clue #2: Peter has 8 more pieces of candy than Alice.
Clue #3: Peter and Alice have 40 pieces of candy altogether.

Show your work in the box below.

Alice has 16 pieces of candy.
Peter has 24 pieces of candy.
Jaclyn has 30 pieces of candy.
David has 30 pieces of candy.

Using Clue #3 students can determine that Jaclyn and David have 60 pieces of candy between them (100-40).

Using Clue #1 students can determine that Jaclyn and David each have 30 pieces by splitting 60 in 2.

Math Challenge
Hotel Haunting
Answer Key

There is a ghostly noise coming from one of the rooms at the Stanley Hotel. Use the clues below to determine the room number.

Clue #1: I am a three-digit number.
Clue #2: The digit in the ones place is 5 more than the digit in the hundreds place.
Clue #3: The sum of my digits is 10.
Clue #4: I am greater than 150.

Use the box below to show your work.

The noise is coming From Room 217.

Students can keep track of their work in a chart similar to the one below. There are 9 possibilities of one-digit numbers with a difference of 5 but only 2 will work with clue #3. Since 156 is less than 150, the answer is 217.

Hundreds	Tens	Ones	

Math Challenge
Bats in the Belfry
Answer Key

There are 20 adult bats in the belfry. If there are 12 baby bats for every adult bat, how many bats are in the belfry altogether?

Show your work in the box below.

There are 260 total bats in the belfry.

I would not expect 2nd and 3rd graders to be proficient with (or even be introduced to) the standard multiplication algorithm. Students do not need to know how to multiply to solve this problem. Instead of focusing on multiplying, students should look for ways to efficiently add 20s or 12s. For example, students can add 20 six times to get 120 and then double that number to get 240.

20 x 12= 240 baby bats + 20 adult bats = 260 total bats

Math Challenge
Dem Bones
Answer Key

There are 206 bones in the adult human body. If there are 15 complete adult human skeletons in the "Spooky Skulls" museum exhibit, how many bones are there in all?

Show your work in the box below.

There are 3,090 bones in the exhibit.

Students do not need to know how to multiply to solve this problem. If they are not familiar with the standard multiplication algorithm they can use repeated addition and group numbers into friendly numbered groups to solve this problem.

For example:
Add 206 five times to get 1,030, then add 1,030 three times to get the answer.

Add 206 three times to get 618, then add 618 five times to get the answer.

Math Challenge
Clue Combinations
Answer Key

Tim is playing a game of Clue. He has the answer narrowed to two suspects (Miss Scarlet or Mr. Green), two rooms (the hall or the ballroom), and two weapons (the wrench or the rope). How many possible combinations of guesses does Tim have if he includes 1 person, 1 room, and 1 weapon in his guess?

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

Tim has 8 possible guess combinations.

	Person	Room	Weapon
1	Miss Scarlet	Hall	Wrench
2	Mr. Green	Hall	Wrench
3	Miss Scarlet	Hall	Rope
4	Mr. Green	Hall	Rope
5	Miss Scarlet	Ballroom	Wrench
6	Mr. Green	Ballroom	Wrench
7	Miss Scarlet	Ballroom	Rope
8	Mr. Green	Ballroom	Rope

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Math Challenge
Seed Scooping
Answer Key

Janet and Brad are carving pumpkins. **How many more cups** of seeds did Brad scoop than Janet?

Clue #1: Janet scooped 6 pints of seeds from her pumpkins.
Clue #2: Brad scooped 4 quarts of seeds from his pumpkins.

Show your work in the box below.

Brad scooped 4 more cups of seeds from his pumpkins than Janet.

If students are unfamiliar with capacity conversions, they can use the Math Challenge Resource page at the end of this document to help them. If students know there are 2 pints in one quart and 2 cups in one pint, they can find that:

Janet scooped 12 total cups of seeds from her pumpkins.
Brad scooped 16 total cups of seeds from his pumpkins.

16 cups - 12 cups= Brad scooped 4 more cups of seeds

Math Challenge
Haunted House
Answer Key

Jason's mother is taking him to a haunted house. There are 16 rooms in the house. If it takes 3 minutes to go through each room and Jason goes through the haunted house twice, **how many hours and minutes** will Jason spend in the haunted house?

Show your work in the box below.

Jason will spend 1 hour and 36 minutes in the haunted house.

Students do not need to know how to multiply to solve this problem. If they are not familiar with the standard multiplication algorithm they can add 16+16+16 to find that it takes 48 minutes for Jason to go through the haunted house once.

16x3 or 16+16+16 = 48 minutes to go through the house once
48+48= 96 total minutes to go through the house twice
96-60 (minutes in one hour) = 36 minutes more than 1 hour

Math Challenge
Candy Cost
Answer Key

Jamie bought bags of candy corns, candy bars, and suckers to give out to trick-or-treaters. She bought 6 total bags of candy. Candy corns cost $.75 cents per bag, suckers cost $2.50 per bag, and candy bars cost $1.25 per bag. Jamie paid with a $100 bill and received one quarter back in change. How many bags of each type of candy did Jamie buy if she bought at least one bag of each type of candy?

Show your work in the box below.

Jamie bought 4 bags of candy corns, 1 bag of suckers, and 1 bag of candy bars.

All the combinations for 6 bags of candy are shown below. The only combination that totals $175 ($100-$6.25) is 4 bags of candy corns, 1 bag of suckers, and 1 bag of candy bars.

Candy Corns $0.75	Suckers $2.50	Candy Bars $1.25	
1	1	4	$12.25
1	2	3	$11.50

Math Challenge
I Vant to Bob For Apples
Answer Key

Veronica, Val, Vivian, and Vincent are bobbing for apples at the Vampire Sundown Celebration. Altogether they caught 30 apples. Use the clues below to determine how many apples each vampire caught.

Clue #1: Vivian caught twice the number of apples that Veronica did.
Clue #2: Val and Vincent caught half of the total apples.
Clue #3: Vincent caught one more apple than Val.

Show your work in the box below.

Veronica caught 5 apples.
Val caught 7 apples.
Vivian caught 10 apples.
Vincent caught 8 apples.

Using Clue #2 students can determine Vincent and Val caught 15 apples in all (half of 30). This can also help them determine that Veronica and Vivian caught 15 apples.

Using Clue #1 students can guess and check to find 2 numbers with a

Math Challenge
Caramel Apples
Answer Key

At the Ooey Gooey Caramel Factory, caramel apples are cut into 6 equal pieces. Mary, Sarah, and WiniFred shared 4 caramel apples. Use the clues below to determine **how many pieces of caramel apple** each person ate.

Clue #1: WiniFred ate two whole caramel apples.
Clue #2: Sarah ate half as many pieces as WiniFred.
Clue #3: Mary ate one-fourth of the pieces.

Show your work in the box below.

WiniFred ate 12 pieces of caramel apple.
Sarah ate 6 pieces of caramel apple.
Mary ate 6 pieces of caramel apple.

4 caramel apples x 6 pieces per apple = 24 total pieces

2 whole apples x 6 pieces per apple = 12 pieces For WiniFred (clue #1)
Half of 12 = 6 pieces For Sarah (clue #2)
One-Fourth of the pieces= 1 whole apple or 1 of every 4 pieces= 6 pieces For Mary (clue #3)

Math Challenge
Monster Mash
Answer Key

At the annual Monster Mash, the monsters will take part in many exciting monster activities. Use the clues below to determine what time the Dance Contest will begin.

Clue #1: The Monster Mash begins at 5:30 p.m.
Clue #2: The Slimy Thing Eating Contest is 3 hours and 45 minutes after the Monster Mash begins.
Clue #3: The Monster Mash ends 1 hour 15 minutes after the eating contest.
Clue #4: The Dance Contest will be held exactly 2 hours before the Monster Mash ends.

Show your work in the box below.

The Dance Contest begins at 8:30 p.m.

Monster Mash starts 5:30 p.m. (given in Clue #1)
Slimy Thing Eating Contest begins 9:15 p.m. (3 hours 45 minutes after 5:30 using Clue #2)
Monster Mash ends 10:30 p.m. (1 hour 15 minutes after 9:15 using Clue #3)
Dance Contest begins 8:30 p.m. (2 hours before the Monster Mash

Math Challenge
Halloween Parade
Answer Key

The students at Howler Elementary are having a Halloween parade. At Howler Elementary there are 2 kindergarten classrooms, 3 first grade classrooms, 4 second grade classrooms, 4 third grade classrooms, 3 fifth grade classrooms, and 2 sixth grade classrooms. If the students walk through every classroom during the parade, and it takes 40 seconds to walk through one classroom, how many minutes will it take for one class to complete their Halloween parade walk?

Show your work in the box below.

It will take one class 12 minutes to complete the Halloween parade walk.

2+3+4+4+3+2=18 classrooms
40 seconds x 18 classrooms = 720 seconds
720 seconds ÷ 60 seconds per minute = 12 minutes

I would not expect a 2nd or 3rd grader to be able to use the

Math Challenge
The Leaves They are a-Changin'
Answer Key

The leaves on the tree outside Dylan's classroom are starting to change color. Dylan counts 40 yellow and 20 orange leaves on the tree. The rest of the leaves are still green. If one-fourth of the leaves are green, how many total leaves are on the tree?

Show your work in the box below.

There are 80 total leaves on the tree.

If one-fourth of the leaves are green, that means three-fourths of the leaves have changed

40 yellow leaves + 20 orange leaves = 60 leaves that have changed color

If 60 is three fourths of the leaves, that means 20 is one fourth of the leaves (60 ÷ 3 = 20)

60 changed leaves + 20 green leaves = 80 total leaves on the tree

Which Witch is Which?
Answer Key

There are five witches sitting on their broomsticks. Use the clues below to determine which witch is which.

1. Iris sits one spot to the left of Vera.
2. There are 3 witches between Iris and Elsie.
3. Naomi sits between Vera and Beatrix.

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.

Iris	Vera	Naomi	Beatrix	Elsie

Candy Bowls
Answer Key

Each of these five bowls holds a different kind of candy. Use the clues below to determine which type of candy is in each bowl.

1. There are two bowls between the candy corns and the caramels.
2. The caramels are to the right of the bubble gum.
3. The taffy is to the left of the bubble gum.
4. There are two bowls between the taffy and the mini candy bars.
5. There is only one bowl of candy next to the candy corns.

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.

Candy Corns	Taffy	Bubble Gum	Caramels	Mini Candy Bars

Bubble Gum	Candy Corns	Caramels	Mini Candy Bars	Taffy

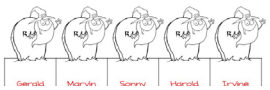
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Ghosts in the Graveyard
Answer Key

There are five ghosts in the graveyard. Use the clues below to determine which ghost is which.

1. Harold is between Sonny and Irvine.
2. Marvin is one grave to the left of Sonny.
3. There is only one ghost to the right of Harold.
4. There are two ghosts between Gerald and Harold.

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.



Costume Kids
Answer Key

Sally, Danny, Paul, and Helen went trick or treating. They each wore a different costume (bird, monkey, frog, and panda). At the end of the night they counted the pieces of candy they collected. They each collected a different number of candies (95, 78, 105, and 98).

Use the clues below to determine the costume worn by each person and the number of candies he or she collected.

1. Danny and Paul collected over 200 pieces of candy in all.
2. The monkey collected 78 pieces of candy.
3. The girls (Sally and Helen) were a monkey and a frog.
4. Danny was not the panda.
5. The bird collected the most pieces of candy.
6. Helen collected more pieces of candy than Sally.

Show your work and your answer here:





Hoo am I? #1
Answer Key

I am the sum of all five mystery numbers below.

Who am I? 131

Mystery Number #1 I am the number of dimes in one dollar.	10
Mystery Number #2 I am 15 less than the number of seconds in one minute.	45

Hoo am I? #2
Answer Key

I am the sum of all five mystery numbers below.

Who am I? 1,169

Mystery Number #1 I am a three-digit number greater than 150 and less than 500. The sum of my digits is 5. The digits in the ones and tens places are the same.	311
Mystery Number #2 I am two dozen less than the number of pennies in $2.00.	176

Spooky Sentences #1
Answer Key

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

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

Spooky Sentences #2
Answer Key

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

1. 18 + 12 = 40 - 10	2. 11 + 30 = 50 - 9	3. 22 + 22 = 95 - 51
4. 20 + 25 = 61 - 16	5. 28 + 22 = 75 - 25	6. 15 + 20 = 90 - 55
7. 7 + 56 = 60 + 3	8. 22 + 77 = 15 + 84	9. 51 - 20 = 19 + 12
10. 45 + 45 = 99 - 9	11. 18 + 18 = 40 - 4	12. 19 - 7 = 100 - 88
13. 85 - 25 = 79 - 19	14. 14 + 22 = 72 - 36	15. 8 + 8 = 38 - 22
16. 20 + 48 = 70 - 2	17. 50 - 9 = 100 - 59	18. 46 + 19 = 80 - 15

Black CATS Brainteaser

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

A	T	C	S
S	C	T	A
T	S	A	C

Vampire BATS Brainteaser

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

T	B	A	S
S	A	B	T
A	T	S	B

ZOMBIE Brainteaser
Answer Key

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

E	B	O	M	Z	I
Z	I	M	O	B	E
B	O	I	Z	E	M
M	Z	E	I	O	B

GHOULS Brainteaser
Answer Key

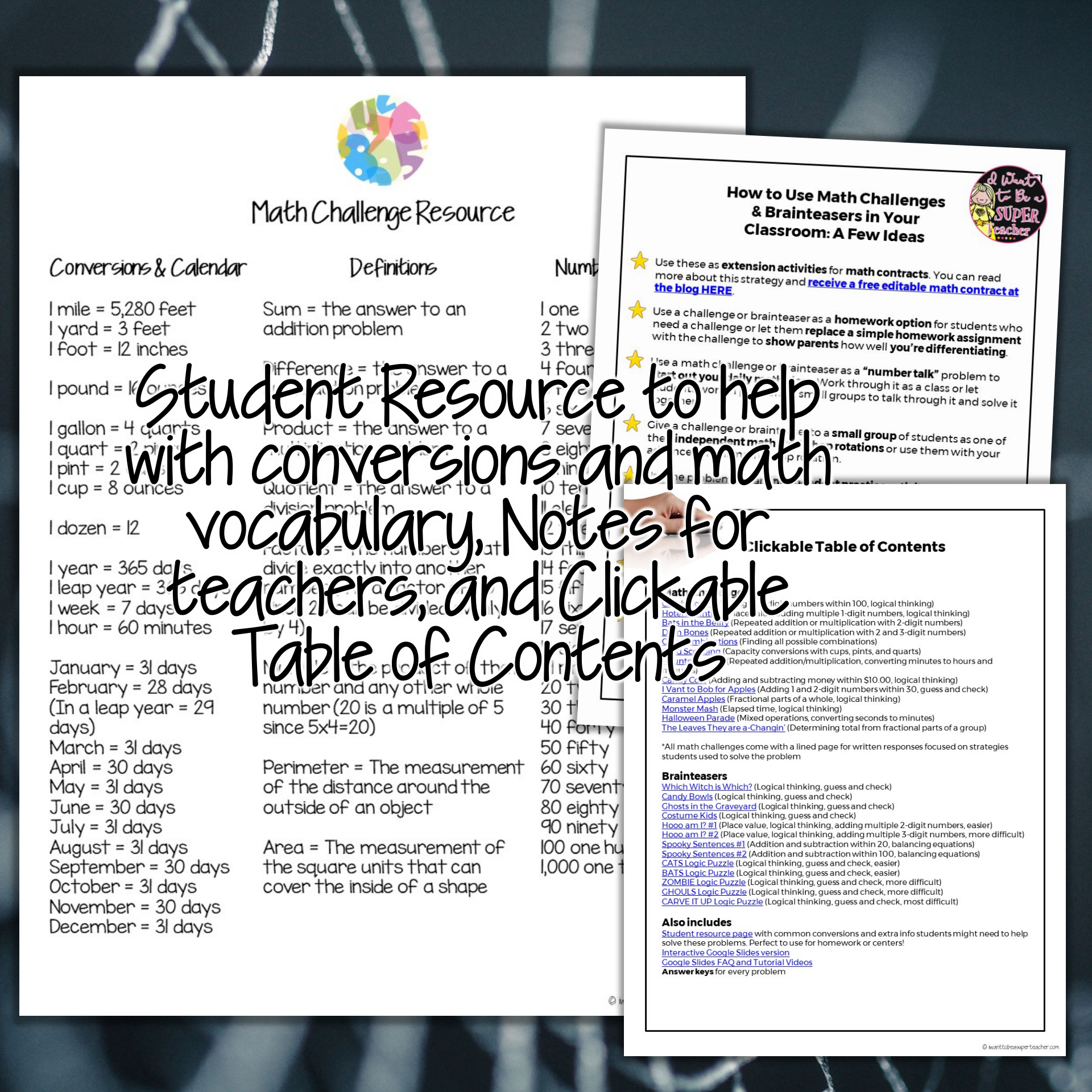
Arrange the letters in GHOULS so there is one of every letter in the word in every row, column, and 2x3 box.

H	O	S	U	G	L
L	G	U	S	H	O
G	S	H	O	L	U
U	L	O	G	S	H

CARVE IT UP Brainteaser
Answer Key

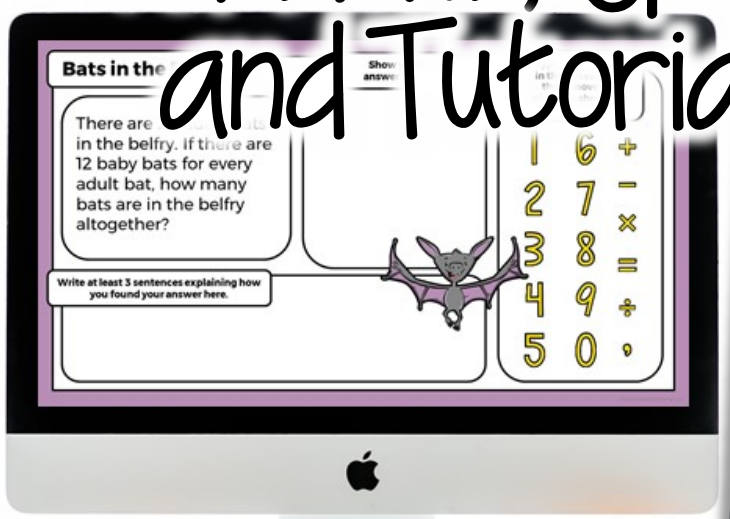
Arrange the letters in CARVE IT UP so there is one of every letter in the words in every row, column, and 3x3 box.

T	R	P	U	E	A	V	I	C
V	E	C	R	P	I	A	T	U
I	U	A	V	C	T	E	R	P
U	V	T	P	A	E	I	C	R
A	C	E	I	U	R	T	P	V
P	I	R	T	V	C	U	E	A
C	T	I	A	R	V	P	U	E
E	A	U	C	T	P	R	V	I
R	P	V	E	I	U	C	A	T



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

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

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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

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

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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

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