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MATH MYSTERY:
CASE OF THE DREAM SNATCHER

Date: _____

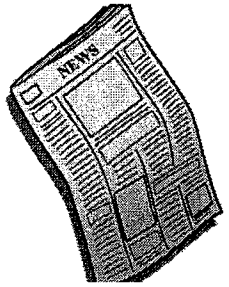
Most of the people in Mathhattan are starting to fear going to sleep. The nightmares are getting worse, sweet dreams are disappearing, and as a result, many citizens are waking up feeling frightened and stressed out. A city without dreams is a city without hope and happiness. Many question why this is happening; are we all just going mad?

Late last night the police found an obscure item glowing down by the river. Tabitha, a whimsical witch, claims that this is the key to the dream issue many are facing. Tabitha explained **"This container was used by witches and wizards thousands of years ago to trap supernatural creatures that were a danger to the city. Someone must have accidentally opened it, releasing whoever was being kept prisoner inside. I believe it was the horrible Dream Snatcher that was freed and she is now on the loose in Mathhattan. She is taking away all of our dreams and using them to create terrifying nightmares. The wizards and witches from the past captured her because the nightmares started to become reality! She won't stop; each dream she takes makes her stronger. If the Dream Snatcher is roaming our city for too long, she will take away all dreams and Mathhattan will turn into a living nightmare!"**

To restore hope and dreams back to the citizens of Mathhattan, the Dream Snatcher must be cast back into the ancient canister. Unfortunately, it is a mystery to us all as to where the Dream Snatcher could be hiding. Tabitha and the police are requesting that a brilliant math detective help on this case.

MATH DETECTIVE NEEDED TO FIND WHERE THE DREAM SNATCHER IS HIDING!

A great math detective is needed to solve where the Dream Snatcher is hiding so that Tabitha the witch can recapture her back into the ancient canister. It is important to try and get the hideout place right the first time so that the Dream Snatcher does not catch on that you are looking for her. Everyone in Mathhattan is hoping that the Dream Snatcher be caught soon so that sweet dreams will return at night. Be careful that she does not take away your dreams too!



Name: _____

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POSSIBLE HIDEOUTS

Hideout Place	Positional Direction	Dark/ Light	Surrounded by . . .	Is it Underground? Y/N	Type
The Dark Dragon's Den	South	Dark	Rats	Yes	Cave
The Forsaken Fort	East	Light	Bats	No	Building
The Sleepy Cave	West	Dark	Snakes	Yes	Cave
The Haunted Warehouse	East	Dark	Rats	No	Building
The Hidden Marsh	South	Light	Snakes	Yes	Swamp
The Temple of Sorrow	North	Dark	Snakes	No	Building
The Cackling Cavern	West	Dark	Bats	Yes	Cave
The Cloudy Castle	West	Light	Rats	No	Building
The Cursed Labyrinth	South	Dark	Snakes	Yes	Swamp
The Sandy Hollow	East	Light	Rats	No	Cave
The Mirrored Mangrove	South	Dark	Rats	No	Swamp
The Infinity Tower	North	Light	Bats	No	Building
The Raven's Sanctuary	West	Dark	Rats	Yes	Building
The Misty Marsh	South	Dark	Snakes	No	Swamp
The Veiled Wetlands	East	Dark	Rats	Yes	Swamp
The Diamond Dungeon	North	Light	Rats	Yes	Cave
The Sunken Library	East	Dark	Snakes	Yes	Building
The Gloomy Grotto	North	Dark	Bats	Yes	Cave
The Secret Shed	North	Dark	Rats	Yes	Building
The Warlock's Manor	South	Dark	Snakes	No	Building
The Crocodile's Cove	South	Light	Bats	Yes	Swamp

Solve the clues and then cross the hideout places off the list until only one place remains! The last place remaining is where the Dream Snatcher is hiding along with all of Mathhattan's sweet dreams!

Whole rows must be eliminated at a time.

Name: _____

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SUBTRACTION (NO REGROUPING) – CLUE 1

Solve the first clue of your investigation by completing the subtraction questions. Use your answers to match and place the letters in the boxes to reveal the clue. Put the letter in every box that it matches your answer in (there may be more than one!)

The first one has been done for you.



322	43	12	52	131	12	222	35	
S								
42	421	222	322	21	43	12	131	
						S		
302	131	12	50	12	131	42	322	43	12
52	222	131	210					

67	36	95	39	82
- 25	- 24	- 52	- 18	- 30
42				
S	E	H	C	D

637	186	824	408	297	991
- 415	- 151	- 502	- 106	- 247	- 570
A	M	T	P	F	N

573	355
- 442	- 145
R	K

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SUBTRACTION (WITH REGROUPING) – CLUE 2

Solve another important clue about the Dream Snatcher by completing the subtraction questions. Use your answers to match and place the letters in the boxes to reveal the clue. Put the letter in every box that it matches your answer in (there may be more than one!)

The first one has been done for you.

S		
19	28	201

				S
210	201	201	17	19

215	27

50	201

131	210	17	201	302	38	302	27	131	210	17

215	27

302	201	421	28	94	302	38	201

28	201	302

239	27	7	201	302

38	74	56	91	42	66
- 19	- 47	- 28	- 53	- 35	- 49
19					
S	O	H	G	W	D

246	588	940	408	297	991
- 152	- 349	- 725	- 106	- 247	- 570
A	P	T	R	B	C

573	355	703
- 442	- 145	- 502
U	N	E



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SUBTRACTION WORD PROBLEMS – CLUE 3

Solve another important clue by completing the subtraction word problems. Use your answers (numbers only) to match and place the letters in the boxes to reveal the clue. Put the letter in every box that it matches your answer in (there may be more than one!)

The first one has been done for you.

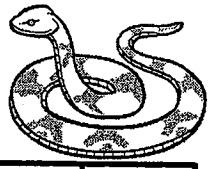


143	104	31		64	30	31	156	633	



248	40	156	143	127	104	31	30

I	
330	248



				I	
156	419	30	156	330	64

135	419

249	156	143	248

Sam built a house out of blue and red bricks. He built it with a total of 430 bricks. If he used 100 blue bricks, how many red bricks did he use? ***330*** **I**

A total of 983 dreams have been snatched. 879 of those dreams were sweet dreams, how many were bad dreams? _____ **H**

Pam interviewed a total of 644 people in Mathhattan. If 509 of those people reported stolen dreams, how many of those have not experienced stolen dreams? _____ **O**

The Dream Snatcher had 127 energy orbs. If she used 96 during the night, how many energy orbs does she have left? _____ **E**

Pat built a wall around his bed using a total of 105 pillows. If the Dream Snatcher knocked 65 pillows down, how many pillows remained standing in Pat's wall? _____ **N**

Kat received 784 reports of nightmares about spiders and monsters. If 151 of them were about spiders, how many nightmares were about monsters? _____ **M**

The Dream Snatcher needs 123 dreams to create an energy orb. If she has 59 dreams stored, how many more dreams does she need to make an energy orb? _____ **D**

The Dream Snatcher created 390 nightmares. If she gave away 247 nightmares, how many nightmares does she have left? _____ **T**

Tabitha needs 222 ingredients to make a spell. If she has collected 95 so far, how many more ingredients does she need to make the spell? _____ **C**

The police set a total of 456 traps for the Dream Snatcher. If 208 of them were broken, how many working traps remain? _____ **S**

Dan made 385 traps for the Dream Snatcher. If he has already used 136 of them, how many unused traps does he have left to try catch the Dream Snatcher? _____ **B**

There were a total of 611 dream potions in Tabitha's cupboard, until she sold 192 of them. How many dream potions are left in the cupboard? _____ **F**

Jan wrote down all 104 nightmares that she suffered over the past month. If 74 of them were about snakes, how many nightmares were about other things? _____ **R**

Sheldon made 515 dream catchers. Since the latest nightmare problem, he sold 359 of them. How many dream catchers does Sheldon have left? _____ **A**

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SUBTRACTION INPUT/OUTPUT TABLES – CLUE 4

Solve another important clue by completing the subtraction input/output tables. Use your answers to match and place the letters in the boxes to reveal the clue. Put the letter in every box that it matches your answer in (there may be more than one!)

The first one has been done for you.

78	175	99

		N	
895	229	663	145



430	440	600	165	727	300

175	895

300	450	600	500	561

300	308	440	99	302	300

	N
229	663

430	308	727

302	727	145	440	175	175	500	300

175	895

777	229	165	430	229	500	300



Rule: subtract 100

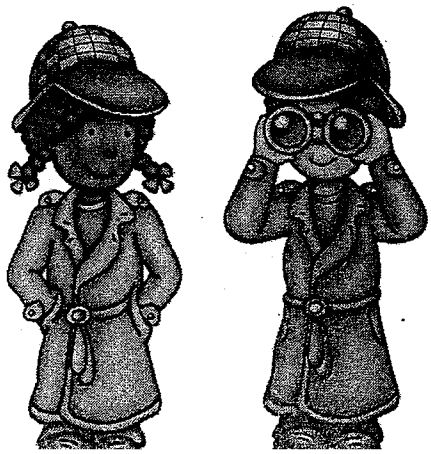
763	*663*	N
540		R
329		I
600		M
995		F
408		H
827		E
265		C
199		U

Rule: subtract 200

800		A
345		D
977		V
502		B
761		P
278		Y
630		T

Rule: subtract 50

500		W
350		S
225		O



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MORE SUBTRACTION – CLUE 5

Discover the final clue by completing the subtraction questions. Use your answers to match and place the letters in the boxes to reveal the clue. Put the letter in every box that it matches your answer in (there may be more than one!)

The first one has been done for you.

65	245	196	154	473	508	362
G						G
267	81	245	472	473	508	267
654	190	332	163	456		
245	154	362	346	432	190	43
362	196	456	332			
						G
81	432	190	446	473	508	267
432	190	456	332			
245	154	332	163	432		
645	473	332	65			



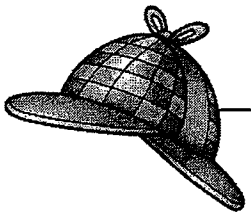
472	881	194	537	260	925
- 205	- 535	- 129	- 341	- 217	- 680
267					
G	R	Y	U	M	O

672	468	953	516	379	748	895
- 199	- 387	- 790	- 184	- 189	- 276	- 250
I	L	H	T	A	W	C

605	812	907	724	951	583	342
- 243	- 366	- 399	- 292	- 297	- 127	- 188
D	V	N	E	P	S	F

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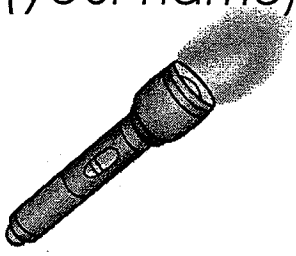
SOLVE THE MYSTERY:
CASE OF THE DREAM SNATCHER



Detective



(your name)



Has discovered that the Dream Snatcher is hiding in:

_____

Clues Checklist:



Clue 1 ☐

Clue 2 ☐

Clue 3 ☐

Clue 4 ☐

Clue 5 ☐

Teacher to check and tick

☐ **Well done! You have correctly discovered where the Dream Snatcher has been hiding. Tabitha the witch went to the hideout and captured the Dream Snatcher back into the ancient canister. This time Tabitha put an extra spell on it to stop anyone from accidentally opening it again. Thanks to your amazing detective work, sweet dreams have returned to the people of Mathhattan and they no longer fear going to sleep.**



☐ **Oops! No the Dream Snatcher is not hiding there. Be careful that she doesn't catch on that you are looking for her. Check your work and try again!**

Read the passage 3 times.
Answer the questions on the next page. Underline your evidence.

Name _____



Special Pets

Many people have animals that they keep at their home and take care of. Some people have pets for companionship. A pet can be your friend when you feel lonely.

Other people have pets for special reasons, such as a guide dog (or seeing eye dog) for someone who is blind. A guide dog wears a harness with a handle for the owner to hold. The dog can lead the person from one place to another avoiding any obstacles that are in the way. They are trained to ignore distractions such as other animals, people, and even odours. They will stop at a curb or stairs until the handler tells them to proceed. One of the most amazing things about guide dogs is that they have an ability called selective disobedience. This means that they will disobey a command that would put the person in danger. For example, if the handler tells them to go forward across the street, but the dog sees a car coming, it will disobey the command in order to keep the person safe.

Other people with limited mobility (who cannot use their arms or legs) might have a special pet to help them with daily tasks. There is a program called Helping Hands that trains capuchin monkeys to be this kind of special helper. The monkeys can get something from the refrigerator, open a lid, help with the computer and telephone, get the remote, and many more tasks. These may seem like simple things, but for a person who has a disability, it can give them more independence and hope for a better life. However, the practice of using capuchins is decreasing as new laws are passed about service animals and because some people feel it is best for the monkeys to be left alone in their natural habitat.

Whether a pet is used as a helper or just for friendship, all pets are special. In fact, studies show that people who own pets are usually happier and live longer than people who don't have pets!

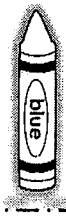
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Name _____

Special Pets

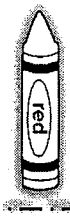
Answer the questions below. Use crayons or colored pencils to underline your evidence in the passage.



What does a guide dog do?

_____

_____



What is it called when a guide dog disobeys an order to protect its handler? _____

_____



What is Helping Hands?

_____

_____



Why aren't monkeys used as service animals much anymore?

_____

_____



What do studies show about people with pets?

_____

_____

Make an inference. What would a guide dog do if there was broken glass on the road?

_____

_____

_____



Circle words or phrases in the passage that gave you a clue.

Do you have a pet? Tell about it. If not, what pet would you like to have? _____

_____

_____

_____

_____

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Read the passage 3 times.
Answer the questions on the next page. Underline your evidence.

Name _____



Ice Cream Forever

Matt's favourite food was ice cream. He liked it so much that he wished he could eat it for breakfast, lunch, and dinner. One day, Matt heard an ice cream truck coming down his street, so he ran outside. He asked the driver for his favourite kind of ice cream, a Swirly Whirly Creamsicle. It was vanilla ice cream with swirls of strawberry. The driver gave him the ice cream, then smiled and said, "May your wish come true!" How strange, Matt thought as he ate his treat.

That night for dinner his mom made meatloaf and green beans. Matt held his nose and took a bite, but the oddest thing happened. The meatloaf was not warm and chewy like it usually was. Instead it felt cold and creamy in his mouth, and it tasted like vanilla and strawberry. It had turned into ice cream. His wish had come true!

The next morning, Matt's cereal also turned into ice cream. He was so excited that he never had to eat anything gross again! He was getting a little thirsty though, so he got a big glass of orange juice. When he drank it, it changed into a thick, chocolate milkshake. The same thing happened at lunch and dinner too! Every time he tried to eat something, it changed into something cold, creamy, and sweet. As he lay down to go to sleep, Matt's tummy started hurting and making gurgling noises. The next morning he woke up feeling lousy. As he walked downstairs, he could smell the aroma of pancakes. Normally he loved pancakes drizzled with sugary syrup, but now the thought of eating anything made him feel sick. When he took a bite, of course it became ice cream. He put his head down and began to cry. I never should have made that wish, he thought.

All of a sudden, Matt sat up in bed. It had all been a dream! Thank goodness. He went downstairs and happily ate his bowl of crunchy cereal.

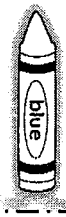
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Name _____

Ice Cream Forever

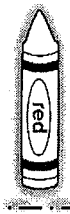
Answer the questions below. Use crayons or coloured pencils to underline your evidence in the passage.



What was Matt's wish?

_____

_____



What did the ice cream truck driver say to Matt?

_____

_____



What happened to Matt's orange juice?

_____

_____



What did Matt do after he took a bite of the pancake?

_____

_____



What do you think would happen if Matt drank some water?

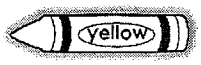
_____

_____

Make an inference. How did Matt feel when the meatloaf turned into ice cream?

_____

_____



Circle words or phrases in the passage that gave you a clue.

If you could eat one food for every meal, what would it be? Do you think you would get tired of it?

_____

_____

_____

_____

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