

# EASTER

## MATH MYSTERY

### CASE OF THE ROTTEN EGGS



GRADE

6



COMMON CORE  
ALIGNED

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# Teacher Resource

# Instructions

## PREPARATION

Print and copy pages 4-11 (for your students. You can do either of the following:

- Combine the pages to form a booklet for each student to work on; OR
- Hand out worksheets as you want students to work on them – please note that if you choose this option, students will always need the 'Possible Hideouts' page handy.

**IMPORTANT:** The clues must be completed in the order I have arranged them in i.e. 1-5!

## HOW TO USE

Read through the article on page 4 'Math Mystery: Case of the Rotten Eggs' to set up the activity and engage students.

Instruct students that they will need to keep referring back to their Possible Hideouts list after solving each clue.

Students work through each clue, either guided by the teacher or independently (your choice). After completing a math worksheet, if students completed the questions correctly, a clue will be revealed. For example: *A trail of slime was found heading east.* So, in this example, students then need to go to their hideouts list and cross off any hideout that is not located in the east.

Once students have correctly completed all of the clues, only one place will remain and that place is where Slimewort is hiding. On page 11, the teacher ticks off the 'Well done . . .' box and the student can receive an Award (provided on page 18). If a student gets the wrong hideout place, tick the second box "Oops! Try again," and instruct the student to go over their work to see where they went wrong.

## ANSWERS

I have provided answer sheets for all of the clues, as well as where Slimewort is hiding! You will find these on pages 12-17.

## AWARDS

On page 18 you will find awards that you can print and give to students who solve the case correctly. I suggest making it a rule that students complete all of the questions on each worksheet to be eligible for the award (even if they can guess what the clue is without finishing all of the math questions!).

**If you need help, have any questions, or notice an error in my work  
please email me on [JJResourceCreations@gmail.com](mailto:JJResourceCreations@gmail.com)**

**Thanks! 😊**

Name: \_\_\_\_\_

# MATH MYSTERY: CASE OF THE ROTTEN EGGS



Date: \_\_\_\_\_

Mathhattan is beginning to smell really bad because so many Easter eggs are rotten! "This stench of rotten eggs is making everyone sick, soon we will all have to wear gas masks so that we don't pass out from the smell!" Exclaimed Patrick, the city mayor.

Many people are looking towards the Easter Bunny for answers. The following interview took place between the Easter Bunny and Officer Luke earlier this morning:

**Easter Bunny:** "Of course I didn't make the Easter Eggs rotten! I am always careful in ensuring that each Easter Egg is made with the best ingredients."

**Officer Luke:** "Well, do you have any idea how these rotten eggs have turned up everywhere?"

**Easter Bunny:** "I'm fairly sure it is Slimewort, because I found a trail of slime in my factory this morning and I recently saw him lurking the streets of Mathhattan."

**Officer Luke:** "Why would he want to make the Easter Eggs rotten?"

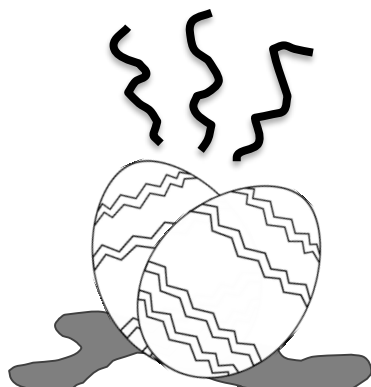
**Easter Bunny:** "Because he is a horrible monster and has wanted to ruin Easter for a very long time! Plus, it seems like he has gone into hiding, surely someone innocent wouldn't feel the need to hide."

**Officer Luke:** "I see. Do you have any idea where he might be hiding?"

**Easter Bunny:** "I'm not sure, but my chicken workers have collected a number of clues that should help you. It looks like a detective with excellent math skills is going to be needed on this case."

## MATH DETECTIVE NEEDED TO FIND SLIMEWORT'S HIDEOUT

The police have made a list of all the possible hideouts. However, they need a super detective with math skills to help them solve this case. Let's hope Slimewort can be found so that this stench of rotten eggs in Mathhattan can be stopped and Easter saved!



Name: \_\_\_\_\_

# POSSIBLE HIDEOUTS

Hideout Place	Indoor/ Outdoor/ Underground	Wet/Dry	Clean/ Dirty	Natural/ Man-Made	Directional Position
The Dark Cove	Outdoor	Wet	Clean	Natural	West
The Sewerage System	Underground	Wet	Dirty	Man-Made	North
Lake Aqua	Outdoor	Wet	Clean	Natural	West
Crystal Cave	Underground	Dry	Clean	Natural	South
Abandoned Candy Warehouse	Indoor	Dry	Dirty	Man-Made	East
Silver Swamp	Outdoor	Wet	Dirty	Natural	West
Roof of The Chocolate Factory	Indoor	Dry	Clean	Man-Made	North
The School Office	Indoor	Dry	Clean	Man-Made	East
Garbage Dump	Outdoor	Dry	Dirty	Man-Made	West
Public Pools	Indoor	Wet	Clean	Man-Made	South
The Graveyard	Outdoor	Dry	Clean	Man-Made	West
Library Basement	Underground	Wet	Dirty	Man-Made	South
The Dormant Volcano	Outdoor	Dry	Clean	Natural	East
The Mathhattan Mansion	Indoor	Dry	Clean	Man-Made	West
The Supermarket Freezer	Indoor	Wet	Clean	Man-Made	North
Car Wreckage Yard	Outdoor	Dry	Dirty	Man-Made	East

Solve the clues and then cross the places off the list until one remains! The last place remaining is where Slimewort is hiding!

Name: \_\_\_\_\_

# CONVERTING DECIMALS TO FRACTIONS - CLUE 1

Crack the code by converting the decimals into fractions. Write your answers in simplest form and as a proper or mixed number fraction. Use your answers to match and place the letters in the boxes to reveal the first 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.

Convert the decimals to fractions/mixed numbers.

$0.5 - \frac{1}{2} \quad \boxed{\text{O}}$

$0.1 - \quad \boxed{\text{E}}$

$0.2 - \quad \boxed{\text{D}}$

$0.25 - \quad \boxed{\text{U}}$

$0.75 - \quad \boxed{\text{G}}$

$0.4 - \quad \boxed{\text{I}}$

$0.8 - \quad \boxed{\text{T}}$

$8.9 - \quad \boxed{\text{M}}$

$9.7 - \quad \boxed{\text{L}}$

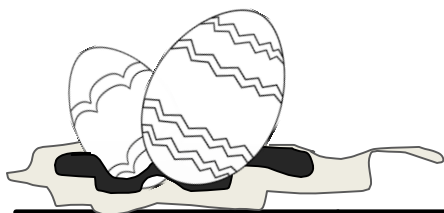
$9.6 - \quad \boxed{\text{H}}$

$6.5 - \quad \boxed{\text{F}}$

$6.3 - \quad \boxed{\text{S}}$

$8.47 - \quad \boxed{\text{R}}$

$9.05 - \quad \boxed{\text{W}}$



						O		
$6\frac{3}{10}$	$9\frac{7}{10}$	$\frac{2}{5}$	$8\frac{9}{10}$	$\frac{1}{10}$	$9\frac{1}{20}$	$\frac{1}{2}$	$8\frac{47}{100}$	$\frac{4}{5}$

	O			
$9\frac{1}{20}$	$\frac{1}{2}$	$\frac{1}{4}$	$9\frac{7}{10}$	$\frac{1}{5}$

$8\frac{9}{10}$	$\frac{1}{10}$	$9\frac{7}{10}$	$\frac{4}{5}$

$\frac{2}{5}$	$6\frac{1}{2}$

$9\frac{3}{5}$	$\frac{1}{10}$

	O	
$\frac{3}{4}$	$\frac{1}{2}$	$\frac{4}{5}$

$9\frac{1}{20}$	$\frac{1}{10}$	$\frac{4}{5}$

Name: \_\_\_\_\_

# MULTIPLYING INTEGERS - CLUE 2

Crack the code by completing the multiplication questions below. 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!)

36	9	18	5	-8	4	-4	-5	16	

-30	-5	-8	25	-8	-5	36

-30	9	-2	-35	-8	36

5	-2	35	-8

-18	-25

30	-9	5	-2	-16	36



$$5 \times -7 = \underline{\hspace{2cm}}$$

**C**

$$-3 \times 6 = \underline{\hspace{2cm}}$$

**B**

$$-1 \times -5 = \underline{\hspace{2cm}}$$

**M**

$$-5 \times 1 = \underline{\hspace{2cm}}$$

**R**

$$-7 \times -5 = \underline{\hspace{2cm}}$$

**D**

$$8 \times -2 = \underline{\hspace{2cm}}$$

**N**

$$4 \times -2 = \underline{\hspace{2cm}}$$

**E**

$$-3 \times -3 = \underline{\hspace{2cm}}$$

**L**

$$-2 \times -9 = \underline{\hspace{2cm}}$$

**I**

$$-4 \times -4 = \underline{\hspace{2cm}}$$

**T**

$$-10 \times 3 = \underline{\hspace{2cm}}$$

**P**

$$-2 \times -2 = \underline{\hspace{2cm}}$$

**W**

$$3 \times -3 = \underline{\hspace{2cm}}$$

**U**

$$-1 \times 2 = \underline{\hspace{2cm}}$$

**A**

$$-5 \times 5 = \underline{\hspace{2cm}}$$

**Y**

$$-6 \times -6 = \underline{\hspace{2cm}}$$

**S**

$$-5 \times -6 = \underline{\hspace{2cm}}$$

**H**

$$1 \times -4 = \underline{\hspace{2cm}}$$

**O**

$$-5 \times -5 = \underline{\hspace{2cm}}$$

**F**

# LEAST COMMON MULTIPLE - CLUE 3

Reveal a fact about Slimewort by finding the Least Common Multiple of the boxed numbers presented below. Look for your answer at the bottom of the page and write the letter it is paired with into the box. The first one has been done for you.

3 and 4

10 and 4

2 and 4

5 and 12

8, 10 and  
12

7 and 5

3, 5 and  
6LCM 12

LCM \_\_\_\_\_

LCM \_\_\_\_\_

LCM \_\_\_\_\_

LCM \_\_\_\_\_

LCM \_\_\_\_\_

LCM \_\_\_\_\_

H

8, 12 and  
28, 9 and  
43, 9 and  
68, 16 and  
512, 18  
and 4

LCM \_\_\_\_\_

LCM \_\_\_\_\_

LCM \_\_\_\_\_

LCM \_\_\_\_\_

LCM \_\_\_\_\_

3, 14 and  
2

2 and 10

10 and 8

7, 6 and  
12

2 and 3

8 and 11

5, 6 and  
9

LCM \_\_\_\_\_

LCM \_\_\_\_\_

LCM \_\_\_\_\_

LCM \_\_\_\_\_

LCM \_\_\_\_\_

LCM \_\_\_\_\_

LCM \_\_\_\_\_

The answers are jumbled up below with a letter to crack the code!

12 = H

84 = S

36 = G

90 = E

120 = T

4 = H

18 = I

80 = N

40 = T

6 = I

88 = D

30 = S

24 = B

60 = A

42 = O

35 = E

72 = E

20 = E

10 = U



# SOLVING ONE-STEP EQUATIONS - CLUE 4

Reveal a clue by solving the equations. Simplify your answer and write as a proper fraction, whole/mixed number. 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.

1.7

    
7.7      $\frac{1}{4}$      1.7     5      $8\frac{5}{9}$ 
 **F**
4.5      $\frac{1}{10}$ 
    
1.3      $8\frac{5}{9}$      5      $7\frac{1}{2}$       $\frac{2}{9}$ 
  

3.2     1.7     1.3

**F**    
 $\frac{1}{10}$      4.5      $5\frac{2}{5}$      7.8      $6\frac{2}{3}$ 
      
1      $\frac{2}{9}$      1.7      $6\frac{2}{3}$      5     7.8      $9\frac{4}{9}$ 
   
 $\frac{2}{9}$      1.7     1.3     7.7Solve for  $f$ 

$$f \times 6 = \frac{3}{5}$$

$$f = \frac{1}{10}$$

**F**Solve for  $s$ 

$$2.9 - 1.6 = s$$

$$s = \underline{\hspace{2cm}}$$

**S**Solve for  $t$ 

$$4.1 + 3.6 = t$$

$$t = \underline{\hspace{2cm}}$$

**T**Solve for  $a$ 

$$8.5 \div 5 = a$$

$$a = \underline{\hspace{2cm}}$$

**A**Solve for  $w$ 

$$2 \times w = 6.4$$

$$w = \underline{\hspace{2cm}}$$

**W**Solve for  $i$ 

$$i \times \frac{4}{5} = 4$$

$$i = \underline{\hspace{2cm}}$$

**I**Solve for  $d$ 

$$d + \frac{1}{3} = 7$$

$$d = \underline{\hspace{2cm}}$$

**D**Solve for  $e$ 

$$e \times 3 = \frac{2}{3}$$

$$e = \underline{\hspace{2cm}}$$

**E**Solve for  $m$ 

$$m - 7 = \frac{1}{2}$$

$$m = \underline{\hspace{2cm}}$$

**M**Solve for  $n$ 

$$n \div 1.3 = 6$$

$$n = \underline{\hspace{2cm}}$$

**N**Solve for  $o$ 

$$o - 3.6 = 0.9$$

$$o = \underline{\hspace{2cm}}$$

**O**Solve for  $l$ 

$$l - 8 = \frac{5}{9}$$

$$l = \underline{\hspace{2cm}}$$

**L**Solve for  $u$ 

$$u \times \frac{1}{9} = \frac{3}{5}$$

$$u = \underline{\hspace{2cm}}$$

**U**Solve for  $r$ 

$$r + \frac{5}{8} = \frac{7}{8}$$

$$r = \underline{\hspace{2cm}}$$

**R**Solve for  $h$ 

$$h - \frac{1}{2} = \frac{1}{2}$$

$$h = \underline{\hspace{2cm}}$$

**H**Solve for  $g$ 

$$g - \frac{4}{9} = 9$$

$$g = \underline{\hspace{2cm}}$$

**G**

# CALCULATING THE MEAN - CLUE 5

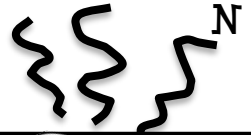
Calculate the **mean** (average) of each set of numbers below. Use your answers to match and place the letters into the boxes to reveal a clue. Put the letter in every box that it matches your answer in (there may be more than one!)

The first one has been done for you!

6, 3, 3	mean = <u>4</u>	G
6, 5, 7	mean = _____	O
8, 7, 0	mean = _____	T
8, 6, 4, 12	mean = _____	I
2, 3, 4, 4, 1	mean = _____	L
5, 1, 1, 2, 1	mean = _____	A
7, 7, 3, 3, 8	mean = _____	S
6, 9, 9, 2	mean = _____	V



4, 1, 9, 8	mean = _____	U
7, 2, 8, 2, 5	mean = _____	B
5, 5, 4, 2, 2	mean = _____	M
1, 1, 5, 3	mean = _____	E
8, 8, 5, 8, 6, 7	mean = _____	D
4, 1, 3, 4	mean = _____	W
8, 9, 8, 7, 7, 8, 9	mean = _____	R
3, 4, 2, 5, 8	mean = _____	N



5.6	2.8	7.5	3.6	2.5	3	6	8	5

2.8	6	6.5	2.5	5.6

				G
4.8	2.5	7.5	4.4	4

2	8	6	5.5	4.4	7

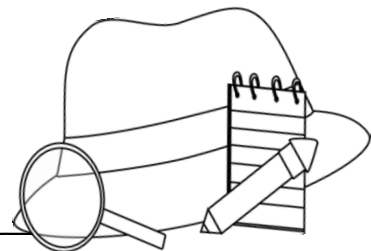
7	7.5	8	5

# SOLVE THE MYSTERY: WHERE IS SLIMEWORT HIDING?



**Detective**

*(your name)*



**Has discovered that Slimewort's hiding place  
is:**

---

## Clues Checklist:

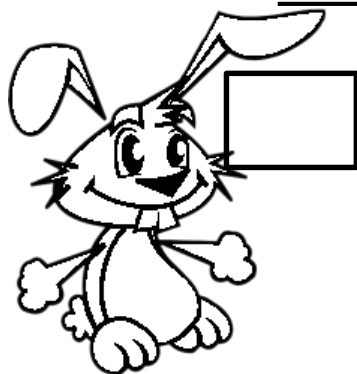
Clue 1

Clue 2

Clue 3

Clue 4

Clue 5



## Teacher to check and tick



Well done! You found Slimewort and have stopped him making any more Easter Eggs rotten. The Easter Bunny is very pleased with you!



Oops! No that is not where Slimewort is hiding. Go over, check your clues and try again.

Name: \_\_\_\_\_

# ANSWER SHEET CLUE 1

Crack the code by converting the decimals into fractions. Write your answers in simplest form and as a proper or mixed number fraction. Use your answers to match and place the letters in the boxes to reveal the first 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.

Convert the decimals to fractions/mixed numbers.

$$0.5 - \underline{\frac{1}{2}} \quad \boxed{\text{O}} \quad 0.1 - \underline{\frac{1}{10}} \quad \boxed{\text{E}} \quad 0.2 - \underline{\frac{1}{5}} \quad \boxed{\text{D}}$$

$$0.25 - \underline{\frac{1}{4}} \quad \boxed{\text{U}} \quad 0.75 - \underline{\frac{3}{4}} \quad \boxed{\text{G}} \quad 0.4 - \underline{\frac{2}{5}} \quad \boxed{\text{I}}$$

$$0.8 - \underline{\frac{4}{5}} \quad \boxed{\text{T}} \quad 8.9 - \underline{8\frac{9}{10}} \quad \boxed{\text{M}} \quad 9.7 - \underline{9\frac{7}{10}} \quad \boxed{\text{L}}$$

$$9.6 - \underline{9\frac{3}{5}} \quad \boxed{\text{H}} \quad 6.5 - \underline{6\frac{1}{2}} \quad \boxed{\text{F}} \quad 6.3 - \underline{6\frac{3}{10}} \quad \boxed{\text{S}}$$

$$8.47 - \underline{8\frac{47}{100}} \quad \boxed{\text{R}} \quad 9.05 - \underline{9\frac{1}{20}} \quad \boxed{\text{W}}$$

All wet places to be crossed off the list.  
Tell students that we are working on the assumption that he is alive and hiding.

S	L	I	M	E	W	O	R	T
---	---	---	---	---	---	---	---	---

$6\frac{3}{10}$	$9\frac{7}{10}$	$\frac{2}{5}$	$8\frac{9}{10}$	$\frac{1}{10}$	$9\frac{1}{20}$	$\frac{1}{2}$	$8\frac{47}{100}$	$\frac{4}{5}$
-----------------	-----------------	---------------	-----------------	----------------	-----------------	---------------	-------------------	---------------

W	O	U	L	D
---	---	---	---	---

$9\frac{1}{20}$	$\frac{1}{2}$	$\frac{1}{4}$	$9\frac{7}{10}$	$\frac{1}{5}$
-----------------	---------------	---------------	-----------------	---------------

M	E	L	T
---	---	---	---

$8\frac{9}{10}$	$\frac{1}{10}$	$9\frac{7}{10}$	$\frac{4}{5}$
-----------------	----------------	-----------------	---------------

I	F
---	---

$\frac{2}{5}$	$6\frac{1}{2}$
---------------	----------------

H	E
---	---

$9\frac{3}{5}$	$\frac{1}{10}$
----------------	----------------

G	O	T
---	---	---

$\frac{3}{4}$	$\frac{1}{2}$	$\frac{4}{5}$
---------------	---------------	---------------

W	E	T
---	---	---

$9\frac{1}{20}$	$\frac{1}{10}$	$\frac{4}{5}$
-----------------	----------------	---------------

Name: \_\_\_\_\_

# ANSWER SHEET CLUE 2

Crack the code by completing the multiplication questions below. 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!)

S	L	I	M	E	W	O	R	T
36	9	18	5	-8	4	-4	-5	16

P	R	E	F	E	R	S
-30	-5	-8	25	-8	-5	36

P	L	A	C	E	S
-30	9	-2	-35	-8	36

M	A	D	E
5	-2	35	-8

B	Y
-18	-25

H	U	M	A	N	S
30	-9	5	-2	-16	36

$$5 \times -7 = \underline{-35}$$

**C**

$$-3 \times 6 = \underline{-18}$$

**B**

$$-1 \times -5 = \underline{5}$$

**M**

$$-5 \times 1 = \underline{-5}$$

**R**

$$-7 \times -5 = \underline{35}$$

**D**

$$8 \times -2 = \underline{-16}$$

**N**

$$4 \times -2 = \underline{-8}$$

**E**

$$-3 \times -3 = \underline{9}$$

**L**

$$-2 \times -9 = \underline{18}$$

**I**

$$-4 \times -4 = \underline{16}$$

**T**

$$-10 \times 3 = \underline{-30}$$

**P**

$$-2 \times -2 = \underline{4}$$

**W**

$$3 \times -3 = \underline{-9}$$

**U**

$$-1 \times 2 = \underline{-2}$$

**A**

$$-5 \times 5 = \underline{-25}$$

**Y**

$$-6 \times -6 = \underline{36}$$

**S**

$$-5 \times -6 = \underline{30}$$

**H**

$$1 \times -4 = \underline{-4}$$

**O**

$$-5 \times -5 = \underline{25}$$

**F**

All natural hideouts to be crossed of the list.

Name: \_\_\_\_\_

# ANSWER SHEET CLUE 3

Reveal a fact about Slimewort by finding the Least Common Multiple of the boxed numbers presented below. Look for your answer at the bottom of the page and write the letter it is paired with into the box. The first one has been done for you.

3 and 4

10 and 4

2 and 4

5 and 12

8, 10 and  
12

7 and 5

3, 5 and  
6

LCM 12

LCM 20

LCM 4

LCM 60

LCM 120

LCM 35

LCM 30

H

E

H

A

T

E

S

8, 12 and  
28, 9 and  
43, 9 and  
68, 16 and  
512, 18  
and 4

LCM 24

LCM 72

LCM 18

LCM 80

LCM 36

B

E

I

N

G

All outdoor  
hideouts to be  
crossed off the  
list.

3, 14 and  
2

2 and 10

10 and 8

7, 6 and  
12

2 and 3

8 and 11

5, 6 and  
9

LCM 42

LCM 10

LCM 40

LCM 84

LCM 6

LCM 88

LCM 90

O

U

T

S

I

D

E

The answers are jumbled up below with a letter to crack the code!

12 = H

84 = S

36 = G

90 = E

120 = T

4 = H

18 = I

80 = N

40 = T

6 = I

88 = D

30 = S

24 = B

60 = A

42 = O

35 = E

72 = E

20 = E

10 = U

Name: \_\_\_\_\_

# ANSWER SHEET CLUE 4

Reveal a clue by solving the equations. Simplify your answer and write as a proper fraction, whole/mixed number. 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.

<b>A</b> 1.7	<b>T</b> 7.7	<b>R</b> $\frac{1}{4}$	<b>A</b> 1.7	<b>I</b> 5	<b>L</b> $8\frac{5}{9}$	<b>O</b> 4.5	<b>F</b> $\frac{1}{10}$				
<b>S</b> 1.3	<b>L</b> $8\frac{5}{9}$	<b>I</b> 5	<b>M</b> $7\frac{1}{2}$	<b>E</b> $\frac{2}{9}$	<b>W</b> 3.2	<b>A</b> 1.7	<b>S</b> 1.3				
<b>F</b> $\frac{1}{10}$	<b>O</b> 4.5	<b>U</b> $5\frac{2}{5}$	<b>N</b> 7.8	<b>D</b> $6\frac{2}{3}$	<b>H</b> 1	<b>E</b> $\frac{2}{9}$	<b>A</b> 1.7	<b>D</b> $6\frac{2}{3}$	<b>I</b> 5	<b>N</b> 7.8	<b>G</b> $9\frac{4}{9}$
<b>E</b> $\frac{2}{9}$	<b>A</b> 1.7	<b>S</b> 1.3	<b>T</b> 7.7	<b>All places not in the East need to be crossed off the list.</b>							

Solve for f

$$f \times 6 = \frac{3}{5}$$

$$f = \frac{1}{10}$$

**F**

Solve for s

$$2.9 - 1.6 = s$$

$$s = 1.3$$

**S**

Solve for t

$$4.1 + 3.6 = t$$

$$t = 7.7$$

**T**

Solve for a

$$8.5 \div 5 = a$$

$$a = 1.7$$

**A**

Solve for w

$$2 \times w = 6.4$$

$$w = 3.2$$

**W**

Solve for i

$$i \times \frac{4}{5} = 4$$

$$i = 5$$

**I**

Solve for d

$$d + \frac{1}{3} = 7$$

$$d = 6\frac{2}{3}$$

**D**

Solve for e

$$e \times 3 = \frac{2}{3}$$

$$e = \frac{2}{9}$$

**E**

Solve for m

$$m - 7 = \frac{1}{2}$$

$$m = 7\frac{1}{2}$$

**M**

Solve for n

$$n \div 1.3 = 6$$

$$n = 7.8$$

**N**

Solve for o

$$o - 3.6 = 0.9$$

$$o = 4.5$$

**O**

Solve for l

$$l - 8 = \frac{5}{9}$$

$$l = 8\frac{5}{9}$$

**L**

Solve for u

$$u \times \frac{1}{9} = \frac{3}{5}$$

$$u = 5\frac{2}{5}$$

**U**

Solve for r

$$r + \frac{5}{8} = \frac{7}{8}$$

$$r = \frac{1}{4}$$

**R**

Solve for h

$$h - \frac{1}{2} = \frac{1}{2}$$

$$h = 1$$

**H**

Solve for g

$$g - \frac{4}{9} = 9$$

$$g = 9\frac{4}{9}$$

**G**

Name: \_\_\_\_\_

# ANSWER SHEET CLUE 5

Calculate the **mean** (average) of each set of numbers below. Use your answers to match and place the letters into the boxes to reveal a 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!

$$6, 3, 3 \quad \text{mean} = \frac{4}{1} \\ \text{G}$$

$$6, 5, 7 \quad \text{mean} = \frac{6}{1} \\ \text{O}$$

$$8, 7, 0 \quad \text{mean} = \frac{5}{1} \\ \text{T}$$

$$8, 6, 4, 12 \quad \text{mean} = \frac{7.5}{1} \\ \text{I}$$

$$2, 3, 4, 4, 1 \quad \text{mean} = \frac{2.8}{1} \\ \text{L}$$

$$5, 1, 1, 2, 1 \quad \text{mean} = \frac{2}{1} \\ \text{A}$$

$$7, 7, 3, 3, 8 \quad \text{mean} = \frac{5.6}{1} \\ \text{S}$$

$$6, 9, 9, 2 \quad \text{mean} = \frac{6.5}{1} \\ \text{V}$$

$$4, 1, 9, 8 \quad \text{mean} = \frac{5.5}{1} \\ \text{U}$$

$$7, 2, 8, 2, 5 \quad \text{mean} = \frac{4.8}{1} \\ \text{B}$$

$$5, 5, 4, 2, 2 \quad \text{mean} = \frac{3.6}{1} \\ \text{M}$$

$$1, 1, 5, 3 \quad \text{mean} = \frac{2.5}{1} \\ \text{E}$$

$$8, 8, 5, 8, 6, 7 \quad \text{mean} = \frac{7}{1} \\ \text{D}$$

$$4, 1, 3, 4 \quad \text{mean} = \frac{3}{1} \\ \text{W}$$

$$8, 9, 8, 7, 7, 8, 9 \quad \text{mean} = \frac{8}{1} \\ \text{R}$$

$$3, 4, 2, 5, 8 \quad \text{mean} = \frac{4.4}{1} \\ \text{N}$$

All clean places to be crossed off the list. This should leave one hiding place left, which is the answer.

S L I M E W O R T

5.6 2.8 7.5 3.6 2.5 3 6 8 5

L O V E S

2.8 6 6.5 2.5 5.6

B E I N G

4.8 2.5 7.5 4.4 4

A R O U N D

2 8 6 5.5 4.4 7

D I R T

7 7.5 8 5



# HIDEOUTS ANSWER ELIMINATION

Hideout Place	Indoor/ Outdoor/ Underground	Wet/Dry	Clean/ Dirty	Natural/ Man-Made	Directional Position
The Dark Cove	Outdoor	Wet	Clean	Natural	West
The Sewerage System	Underground	Wet	Dirty	Man-Made	North
Lake Aqua	Outdoor	Wet	Clean	Natural	West
Crystal Cave	Underground	Dry	Clean	Natural	South
Abandoned Candy Warehouse	Indoor	Dry	Dirty	Man-Made	East
Silver Swamp	Outdoor	Wet	Dirty	Natural	West
Roof of The Chocolate Factory	Indoor	Dry	Clean	Man-Made	North
The School Office	Indoor	Dry	Clean	Man-Made	East
Garbage Dump	Outdoor	Dry	Dirty	Man-Made	West
Public Pools	Indoor	Wet	Clean	Man-Made	South
The Graveyard	Outdoor	Dry	Clean	Man-Made	West
Library Basement	Underground	Wet	Dirty	Man-Made	South
The Dormant Volcano	Outdoor	Dry	Clean	Natural	East
The Mathhattan Mansion	Indoor	Dry	Clean	Man-Made	West
The Supermarket Freezer	Indoor	Wet	Clean	Man-Made	North
Car Wreckage Yard	Outdoor	Dry	Dirty	Man-Made	East

On the answer sheets you will find a comment about what needs to be crossed off. Please refer to the color of the font and the color of the shaded rows to show who has been crossed off from that clue.

**HIDEOUT ANSWER: ABANDONED CANDY WAREHOUSE**

# Super Detective Work!



Awarded To:

\_\_\_\_\_



For solving the Math Mystery:

## Case of The Rotten Eggs



# Super Detective Work!



Awarded To:

\_\_\_\_\_



For solving the Math Mystery:

## Case of The Rotten Eggs



# CREDITS

## THANK YOU FOR GRAPHICS & FONTS

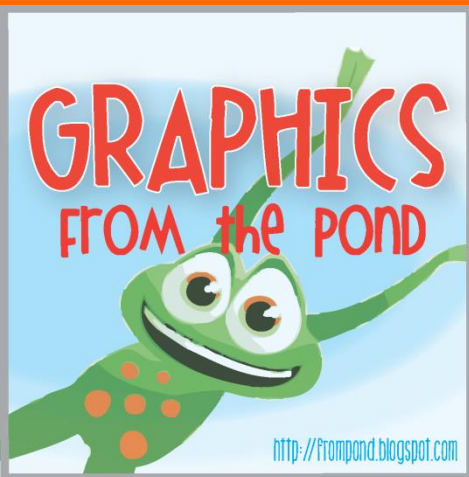


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