

MATH MYSTERY

CASE OF THE DIVIDED dragons

GRADE
5



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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 Suspects' page handy.
- If it is a difficult skill or something not yet done with your students, demonstration and a lesson before completing that clue is recommended.
- You could get students to work independently, or in pairs/groups.

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 Divided Dragons' to set up the activity and engage students.

Instruct students that they will need to keep referring back to their Possible Suspects list after solving each clue. Whole rows must be eliminated at a time, the final row remaining will reveal which dragon is responsible for the division of the Dragon Alliance.

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: 'The Grand Dragonian Diamond is still in its place .' So, in this example, students can conclude that all suspect rows with 'Stole the Grand Dragonian Diamond' need to be eliminated. Whole rows must be crossed out at a time.

Once students have correctly completed all of the clues, only one suspect will remain, and that is the dragon who is responsible for the divided dragons dilemma. On page 11, the teacher ticks off the 'Well done . . .' box and the student can receive an Award (provided on page 18) if they declare the correct dragon. If a student gets the wrong dragon, 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 which dragon is the culprit. You will find these on pages 12-17. This includes the elimination process of rows post each clue.

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!). You could also make it a condition that students show their working out on the back of the page or on a separate piece of paper if applicable.

If you need help, have any questions, or notice an error in my work please email me on

JJResourceCreations@gmail.com

Thanks! 😊

MATH MYSTERY:

CASE OF THE DIVIDED DRAGONS



Date: _____

Three hundred years ago, the four great dragon leagues ended their war and made a peaceful pact. Instead, they began to work as a team in order to protect Mathhattan and its surrounding islands from an extremely mysterious and mighty magical underworld that lies beneath the surface. The Dragon Alliance have played a very important part towards keeping the strong forces of this powerful and unusual magic from being released into our realm.

Mathhattan's concern is on the rise as recent events reveal that the four dragon leagues are suddenly divided... they are at war once again. With the dragons not working together, the magical forces from the underworld will flow into ours and we are currently not protected. Larry the Wizard and Tabitha the Witch expressed that the Magical Elders' Council are extremely concerned by this division of the dragons. Larry exclaimed, **"There are magical forces that we must keep from our cities such as Mathhattan. What lurks beneath the surface of our regular world needs to be kept there, if our two realms collide it could be disastrous! Our magical powers won't stand a chance next to what exists down there, and we fear that with the dragons focusing their anger on one another, there is no one else strong enough to protect us."**

Sheldon the Shaman assisted by sending his magical winds into the underworld to get a better understanding of what is causing the dilemma amongst the dragons. He informed Larry and Tabitha, **"The winds whisper to me that the division is definitely happening due to something making the dragons angry with each other. The conflict is not just between the four leagues; it is also within the leagues themselves. The winds say that one of the dragons is behind it, but who and why is unknown. If we are to investigate this mystery, we will need to travel into the magical underworld ourselves to explore for clues."**

With the information Sheldon brought forward, Larry and Tabitha both agree that an investigation within the dragons needs to happen. Larry stated, **"If we can solve which dragon started this problem and why, we may be able to help resolve the issue and restore the dragon alliance before too much threatening magic is released into our realm."**

Larry, Tabitha and Sheldon are requesting the help of a great math detective to join them in their journey into the magical underworld to solve this mystery. Larry pleads, **"Please help us with this mystery, it is important that we help reunite the dragons to work as one."** Sheldon adds, **"We will keep you protected as you assist us with this case."**

ATTENTION MATH DETECTIVE: YOU'VE BEEN SUMMONED INTO THE MAGICAL UNDERWORLD TO SOLVE THE CASE OF THE DIVIDED DRAGONS

POSSIBLE SUSPECTS

Suspect Dragon Name	Color of Scales	Dragon Type	League	What did they do to cause the conflict?	Motive
Dracoy The Destroyer	Blue	Arcane	The Champion Chasers	Stole the Grand Dragonian Diamond	Wants magic to be released everywhere
Sliverscale The Victorious	Green	Shadow	The Dragons of the Veil	Puffed a curse of conflict	Wants to be the new dragon leader
Sudreth The Powerful	Blue	Elemental	The Ancient Warriors	Destroyed the Alliance Banner	Wants magic to be released everywhere
Kyloth The Magnificent	Gold	Arcane	The Mystic Faction	Puffed a curse of conflict	Wants revenge on the other dragons
Kennioth The Warrior	Green	Elemental	The Ancient Warriors	Destroyed the Alliance Banner	Wants to be the new dragon leader
Galzra The Protector	Red	Shadow	The Champion Chasers	Puffed a curse of conflict	Wants magic to be released everywhere
Tavorth The Grumpy	Red	Arcane	The Dragons of the Veil	Stole the Grand Dragonian Diamond	Wants to be the new dragon leader
Lissoth The Reckless	Gold	Elemental	The Ancient Warriors	Destroyed the Alliance Banner	Wants revenge on the other dragons
Apophis The Calm	Green	Shadow	The Champion Chasers	Stole the Grand Dragonian Diamond	Wants magic to be released everywhere
Milirth The Challenger	Gold	Shadow	The Mystic Faction	Puffed a curse of conflict	Wants revenge on the other dragons.
Norruth The Great	Red	Elemental	The Ancient Warriors	Destroyed the Alliance Banner	Wants revenge on the other dragons
Cithyth The Eternal	Blue	Shadow	The Dragons of the Veil	Stole the Grand Dragonian Diamond	Wants to be the new dragon leader
Vanlith The Champion	Blue	Elemental	The Mystic Faction	Puffed a curse of conflict	Wants magic to be released everywhere
Dallarh The Fierce	Gold	Arcane	The Champion Chasers	Destroyed the Alliance Banner	Wants to be the new dragon leader
Favnir The Scary	Green	Shadow	The Ancient Warriors	Puffed a curse of conflict	Wants revenge on the other dragons
Parath The Mysterious	Gold	Elemental	The Ancient Warriors	Stole the Grand Dragonian Diamond	Wants magic to be released everywhere
Tiolth The Brave	Blue	Shadow	The Champion Chasers	Puffed a curse of conflict	Wants to be the new dragon leader
Ator The Clumsy	Red	Shadow	The Mystic Faction	Destroyed the Alliance Banner	Wants magic to be released everywhere

Solve the clues and then cross the dragons off the list until only one dragon remains! The last dragon remaining is the one responsible for the divided Dragon Alliance!

Whole rows must be eliminated at a time.



Name: _____

Case of the Divided Dragons

DIVIDE MULTI-DIGIT NUMBERS BY 1-DIGIT NUMBERS – CLUE 1

Discover an important clue by completing the division questions below. Use your answers, including any remainders, 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.

T		
----------	--	--

36 1,009 r1 1,099 r2

--	--	--	--	--

668 r3 7 1,030 r1 5 384 r4

--	--	--	--	--	--	--	--	--

384 r4 7 1,030 r1 668 r3 922 r1 5 56 r6 1,030 r1 5

--	--	--	--	--	--	--

384 r4 56 r6 1,030 r1 811 r3 922 r1 5 384 r4

--	--

56 r6 46 r4

	T			
--	----------	--	--	--

46 r4 36 56 r6 442 r1 442 r1

--	--

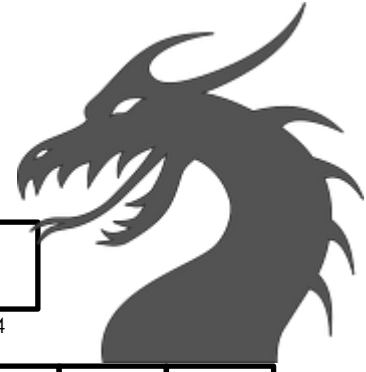
56 r6 5

	T	
--	----------	--

56 r6 36 46 r4

--	--	--	--	--

881 r3 442 r1 1,030 r1 117 r2 1,099 r2



$$288 \div 8 = \underline{36}$$

T

$$25 \div 5 = \underline{\quad}$$

N

$$56 \div 8 = \underline{\quad}$$

R

$$372 \div 8 = \underline{\quad} r \underline{\quad}$$

S

$$510 \div 9 = \underline{\quad} r \underline{\quad}$$

I

$$704 \div 6 = \underline{\quad} r \underline{\quad}$$

C

$$4,121 \div 4 = \underline{\quad} r \underline{\quad}$$

A

$$1,845 \div 2 = \underline{\quad} r \underline{\quad}$$

O

$$2,653 \div 6 = \underline{\quad} r \underline{\quad}$$

L

$$5,680 \div 7 = \underline{\quad} r \underline{\quad}$$

M

$$6,015 \div 9 = \underline{\quad} r \underline{\quad}$$

G

$$1,924 \div 5 = \underline{\quad} r \underline{\quad}$$

D

$$3,299 \div 3 = \underline{\quad} r \underline{\quad}$$

E

$$2,019 \div 2 = \underline{\quad} r \underline{\quad}$$

H

$$5,289 \div 6 = \underline{\quad} r \underline{\quad}$$

P



DIVIDING NUMBERS ENDING IN ZEROES – CLUE 2

Discover an important clue by completing the division 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.

600	60	3,000

			I				
1,100	5,000	5,000	300	1,100	500	90	3,000

900	1,100	500	500	3,000	2,000

I	
300	9,000

500	4,000	600

400	1,100	1,000	1,100	10,000	3,000	400

$$1,800 \div 6 = \underline{300}$$

I

$$5,000 \div 5 = \underline{\quad}$$

M

$$9,000 \div 3 = \underline{\quad}$$

E

$$2,000 \div 5 = \underline{\quad}$$

D

$$6,000 \div 3 = \underline{\quad}$$

R

$$2,400 \div 4 = \underline{\quad}$$

T

$$3,300 \div 3 = \underline{\quad}$$

A

$$36,000 \div 9 = \underline{\quad}$$

O

$$20,000 \div 2 = \underline{\quad}$$

G

$$54,000 \div 60 = \underline{\quad}$$

B

$$6,300 \div 70 = \underline{\quad}$$

C

$$250,000 \div 50 = \underline{\quad}$$

L

$$15,000 \div 30 = \underline{\quad}$$

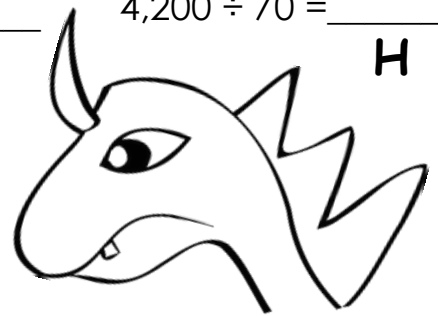
N

$$900,000 \div 100 = \underline{\quad}$$

S

$$4,200 \div 70 = \underline{\quad}$$

H





DIVIDE 2-DIGIT & 3-DIGIT NUMBERS BY 2-DIGIT NUMBERS – CLUE 3

Discover an important clue by completing the division questions. Use your answers, including remainders, 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.

	N		
3r11	4r10	6r6	6r8

2r12	16r19	1r7	2	3r11	14r11

					N	
2	2r4	1r7	17r9	3r11	4r10	2r12

		N
16r4	1r7	4r10

16r4	2r4	1r13	1r7	3r3	1r13

16r4	8r3	2r4	2r12	1r13	2r12

$$82 \div 18 = \underline{4 \text{ r } 10}$$

N

$$42 \div 19 = \underline{\quad \text{r} \quad}$$

R

$$27 \div 14 = \underline{\quad \text{r} \quad}$$

E

$$38 \div 19 = \underline{\quad \text{r} \quad}$$

D

$$98 \div 15 = \underline{\quad \text{r} \quad}$$

Y

$$24 \div 17 = \underline{\quad \text{r} \quad}$$

A

$$44 \div 16 = \underline{\quad \text{r} \quad}$$

S

$$57 \div 18 = \underline{\quad \text{r} \quad}$$

T

$$71 \div 20 = \underline{\quad \text{r} \quad}$$

O

$$115 \div 14 = \underline{\quad \text{r} \quad}$$

U

$$235 \div 16 = \underline{\quad \text{r} \quad}$$

W

$$108 \div 17 = \underline{\quad \text{r} \quad}$$

L

$$340 \div 21 = \underline{\quad \text{r} \quad}$$

C

$$553 \div 32 = \underline{\quad \text{r} \quad}$$

G

$$419 \div 25 = \underline{\quad \text{r} \quad}$$

H





Name: _____

DIVISION WORD PROBLEMS – CLUE 4

Crack the code by answering the division word problems. Use your answers (numbers only) to match and place the letters in the boxes to reveal a clue given by a witness from last night. Put the letter in every box that it matches your answer in (there may be more than one!)

I	
---	--

226 616

I	
---	--

226 139

--	--	--

349 317 616

--

217

--	--	--	--

203 74 2 236

--	--	--	--	--	--

442 120 217 3,862 317 349

Kyloth took 4,746 magic rocks and arranged them in 21 even piles. How many magic rocks did Kyloth put in each pile?

226 magic rocks**I**

Galzra is packing dragon scales. He has 3,540 dragon scales and he divides the scales evenly among 15 boxes. How many dragon scales does Galzra put in each box? _____

E

There are 6,944 baby dragons who need to sleep in a cave. If each cave can hold 32 baby dragons, how many caves do the baby dragons need? _____

A

6,023 magical creatures are planning to use magic pods to travel to the Earth's surface. Each magic pod holds 19 creatures. How many magic pods are needed? _____

O

Sheldon brought 1,332 muffins for the trip and divided them into 18 equal bags. How many muffins did Sheldon put in each bag? _____

L

It takes Favnir 26 minutes to fly around the island of Mathhattan. How many laps can Favnir fly in 9,074 minutes? _____

N

Tabitha wrote 7,089 protection spells in her notebook. The notebook has 51 pages. If each page has the same number of spells, how many spells did Tabitha put on each page? _____

S

Larry makes 2,842 health potions and packs them equally into 14 bags. How many health potions are in each bag? _____

B

It takes Ator 60 minutes to polish a dragon scale. How many dragon scales can Ator clean in 7,200 minutes? _____

R

Silverscale caught 9,856 fish during a 16 day hunt. If he caught the same number of fish each day, how many fish did Silverscale catch per day? _____

T

An enchanted boat can hold 2 people to cross the Forbidden River. If Sheldon, Larry, Tabitha and yourself need to cross the Forbidden River, how many enchanted boats will you need? _____

U

Lissoth distributed 7,956 dragon teeth evenly to 18 of his dragon friends. How many dragon teeth did each dragon friend get? _____

D

Peaches the fairy gifted you and your team 15,448 dragon diamonds. If they are split equally amongst 4 team members, how many dragon diamonds will each person receive? _____

G



Name: _____

Case of the Divided Dragons

DIVIDE BY POWERS OF TEN – CLUE 5

In the grid below you will find a number of statements collected from several creatures of the magical underworld, however, only one of them is telling you the correct final clue. Complete the division questions (write your answers as decimals), and then look for your in the statement boxes and cross out that box (meaning that the statement in that box has been eliminated). The one statement box left standing after completing all of the questions, is the one with the correct clue!

<p>The guilty dragon belongs to The Dragons of the Veil league. He loves magic so much that he wants it to be released everywhere.</p> <p style="text-align: right;">84.23</p>	<p>The dragon causing the division wants the current dragon leader to fail so that he can take his place.</p> <p style="text-align: right;">79.07</p>	<p>The dragon culprit is in The Mystic Faction and wants revenge on the other dragons for teasing him.</p> <p style="text-align: right;">5.8</p>	<p>The dragon responsible for the splitting up of the Dragon Alliance wants revenge on The Mystic Faction for excluding him from a hunt.</p> <p style="text-align: right;">9.9</p>
<p>It is one of the dragons in The Champion Chasers league trying to use magic to take over the Earth's surface.</p> <p style="text-align: right;">0.56</p>	<p>You will find the dragon who ruined the Dragon Alliance in The Ancient Warriors league.</p> <p style="text-align: right;">0.1</p>	<p>One of green dragons has wanted to become the new dragon leader for a long time.</p> <p style="text-align: right;">0.5</p>	<p>The Dragons of the Veil have been angry with the current dragon leader, so one of them decided to cause a problem to challenge the leadership position.</p> <p style="text-align: right;">0.781</p>
<p>One of The Ancient Warriors wants revenge on the other dragons for not all equally helping out with tasks.</p> <p style="text-align: right;">8.1</p>	<p>The dragon at fault wants to allow his magical creature friends of the underworld to live in the sunshine on the Earth's surface.</p> <p style="text-align: right;">0.7</p>	<p>The dragon that needs to be charged for dividing the dragon allies has red scales.</p> <p style="text-align: right;">0.8</p>	<p>The Ancient Warriors league have a member that really wants to be the new dragon leader so that he can change some of the rules.</p> <p style="text-align: right;">5.18</p>

$$10 \overline{) 7}$$

$$100 \overline{) 990}$$

$$100 \overline{) 56}$$

$$100 \overline{) 8,423}$$

$$10 \overline{) 8}$$

$$100 \overline{) 50}$$

$$10 \overline{) 1}$$

$$100 \overline{) 7,907}$$

$$100 \overline{) 518}$$

$$10 \overline{) 81}$$

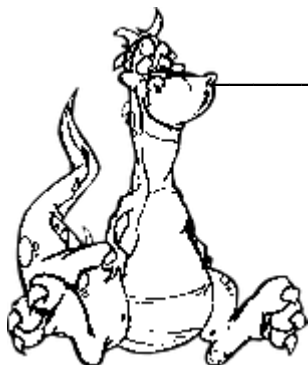
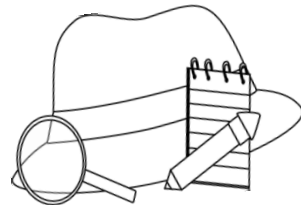
$$1,000 \overline{) 781}$$



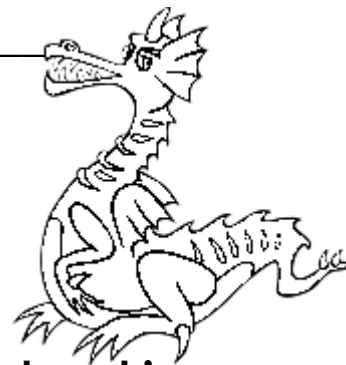
SOLVE THE MYSTERY: CASE OF THE DIVIDED DRAGONS



Detective



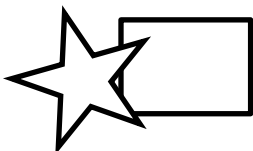
(your name)



Has discovered that the dragon responsible for breaking up the Dragon Alliance is:

Teacher to check and tick

Clues Checklist:



Clue 1

Clue 2

Clue 3

Clue 4

Clue 5

Well done! You have correctly revealed which dragon is responsible for the splitting up of the Dragon Alliance! Thanks to your brilliant math skills and detective work, Larry and Tabitha were able to confront the culprit and convinced the dragon to make things right again. Once the dragon did the right thing, all four of the dragon leagues became united once more to protect the barriers between our realm and the magical underworld. Everyone in Mathhattan and its surrounding islands feel safe again.



Oops! No that is not the dragon who is causing the divide amongst the dragons. Check your work and try again!



ANSWER SHEET – CLUE 1

Discover an important clue by completing the division questions below, use the models to help work out the answer. Use your answers, including any remainders, 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.

T	H	E
36	1,009 r1	1,099 r2

G	R	A	N	D
668 r3	7	1,030 r1	5	384 r4

Cross off all rows with 'stole the Grand Dragonian Diamond.'

D	R	A	G	O	N	I	A	N
384 r4	7	1,030 r1	668 r3	922 r1	5	56 r6	1,030 r1	5

D	I	A	M	O	N	D
384 r4	56 r6	1,030 r1	811 r3	922 r1	5	384 r4

I	S
56 r6	46 r4

S	T	I	L	L
46 r4	36	56 r6	442 r1	442 r1

I	N
56 r6	5

I	T	S
56 r6	36	46 r4

P	L	A	C	E
881 r3	442 r1	1,030 r1	117 r2	1,099 r2

$$288 \div 8 = \frac{36}{T}$$

$$25 \div 5 = \frac{5}{N}$$

$$56 \div 8 = \frac{7}{R}$$

$$372 \div 8 = \frac{46 \text{ r } 4}{S}$$

$$510 \div 9 = \frac{56 \text{ r } 6}{I}$$

$$704 \div 6 = \frac{117 \text{ r } 2}{C}$$

$$4,121 \div 4 = \frac{1,030 \text{ r } 1}{A}$$

$$1,845 \div 2 = \frac{922 \text{ r } 1}{O}$$

$$2,653 \div 6 = \frac{442 \text{ r } 1}{L}$$

$$5,680 \div 7 = \frac{811 \text{ r } 3}{M}$$

$$6,015 \div 9 = \frac{668 \text{ r } 3}{G}$$

$$1,924 \div 5 = \frac{384 \text{ r } 4}{D}$$

$$3,299 \div 3 = \frac{1099 \text{ r } 2}{E}$$

$$2,019 \div 2 = \frac{1009 \text{ r } 1}{H}$$

$$5,289 \div 6 = \frac{881 \text{ r } 3}{P}$$



ANSWER SHEET – CLUE 2

Discover an important clue by completing the division 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.

T	H	E
600	60	3,000

A	L	L	I	A	N	C	E
1,100	5,000	5,000	300	1,100	500	90	3,000

B	A	N	N	E	R
900	1,100	500	500	3,000	2,000

I	S
300	9,000

N	O	T
500	4,000	600

D	A	M	A	G	E	D
400	1,100	1,000	1,100	10,000	3,000	400

Cross off all rows with
"Destroyed the Alliance
Banner"

$$1,800 \div 6 = \frac{300}{I}$$

$$5,000 \div 5 = \frac{1,000}{M}$$

$$9,000 \div 3 = \frac{3,000}{E}$$

$$2,000 \div 5 = \frac{400}{D}$$

$$6,000 \div 3 = \frac{2,000}{R}$$

$$2,400 \div 4 = \frac{600}{T}$$

$$3,300 \div 3 = \frac{1,100}{A}$$

$$36,000 \div 9 = \frac{4,000}{O}$$

$$20,000 \div 2 = \frac{10,000}{G}$$

$$54,000 \div 60 = \frac{900}{B}$$

$$6,300 \div 70 = \frac{90}{C}$$

$$250,000 \div 50 = \frac{5,000}{L}$$

$$15,000 \div 30 = \frac{500}{N}$$

$$900,000 \div 100 = \frac{9,000}{S}$$

$$4,200 \div 70 = \frac{60}{H}$$



ANSWER SHEET – CLUE 3

Discover an important clue by completing the division questions. Use your answers, including remainders, 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.

O	N	L	Y
3r11	4r10	6r6	6r8

S	H	A	D	O	W
2r12	16r19	1r7	2	3r11	14r11

D	R	A	G	O	N	S
2	2r4	1r7	17r9	3r11	4r10	2r12

C	A	N
16r4	1r7	4r10

C	R	E	A	T	E
16r4	2r4	1r13	1r7	3r3	1r13

C	U	R	S	E	S
16r4	8r3	2r4	2r12	1r13	2r12

$$82 \div 18 = \underline{4 \text{ r } 10}$$

N

$$42 \div 19 = \underline{2 \text{ r } 4}$$

R

$$27 \div 14 = \underline{1 \text{ r } 13}$$

E

$$38 \div 19 = \underline{2 \text{ r } 0}$$

D

$$98 \div 15 = \underline{6 \text{ r } 8}$$

Y

$$24 \div 17 = \underline{1 \text{ r } 7}$$

A

$$44 \div 16 = \underline{2 \text{ r } 12}$$

S

$$57 \div 18 = \underline{3 \text{ r } 3}$$

T

$$71 \div 20 = \underline{3 \text{ r } 11}$$

O

$$115 \div 14 = \underline{8 \text{ r } 3}$$

U

$$235 \div 16 = \underline{14 \text{ r } 11}$$

W

$$108 \div 17 = \underline{6 \text{ r } 6}$$

L

$$340 \div 21 = \underline{16 \text{ r } 4}$$

C

$$553 \div 32 = \underline{17 \text{ r } 9}$$

G

$$419 \div 25 = \underline{16 \text{ r } 19}$$

H

At this point, all dragon rows remaining should have "Puffed a curse of conflict" only. So after solving this clue, cross out all elemental and arcane dragon types.



Name: _____

Case of the Divided Dragons

ANSWER SHEET – CLUE 4

Crack the code by answering the division word problems. Use your answers (numbers only) to match and place the letters in the boxes to reveal a clue given by a witness from last night. Put the letter in every box that it matches your answer in (there may be more than one!)

I	T
226	616

I	S
226	139

N	O	T
349	317	616

A
217

B	L	U	E
203	74	2	236

D	R	A	G	O	N
442	120	217	3,862	317	349

Kyloth took 4,746 magic rocks and arranged them in 21 even piles. How many magic rocks did Kyloth put in each pile?

226 magic rocks

I

Galzra is packing dragon scales. He has 3,540 dragon scales and he divides the scales evenly among 15 boxes. How many dragon scales does Galzra put in each box?

236 E

There are 6,944 baby dragons who need to sleep in a cave. If each cave can hold 32 baby dragons, how many caves do the baby dragons need?

217

A

6,023 magical creatures are planning to use magic pods to travel to the Earth's surface. Each magic pod holds 19 creatures. How many magic pods are needed?

317

O

Sheldon brought 1,332 muffins for the trip and divided them into 18 equal bags. How many muffins did Sheldon put in each bag?

74

L

It takes Favnir 26 minutes to fly around the island of Mathhattan. How many laps can Favnir fly in 9,074 minutes?

349

N

Tabitha wrote 7,089 protection spells in her notebook. The notebook has 51 pages. If each page has the same number of spells, how many spells did Tabitha put on each page?

139

S

Larry makes 2,842 health potions and packs them equally into 14 bags. How many health potions are in each bag?

203

B

It takes Ator 60 minutes to polish a dragon scale. How many dragon scales can Ator clean in 7,200 minutes?

120

R

Silverscale caught 9,856 fish during a 16 day hunt. If he caught the same number of fish each day, how many fish did Silverscale catch per day?

616

T

An enchanted boat can hold 2 people to cross the Forbidden River. If Sheldon, Larry, Tabitha and yourself need to cross the Forbidden River, how many enchanted boats will you need?

2

U

Lissoth distributed 7,956 dragon teeth evenly to 18 of his dragon friends. How many dragon teeth did each dragon friend get?

442

D

Peaches the fairy gifted you and your team 15,448 dragon diamonds. If they are split equally amongst 4 team members, how many dragon diamonds will each person receive?

3,862

G

Cross off any remaining blue dragons.



ANSWER SHEET- CLUE 5

Keep the dragon that belongs to the Mystic Faction and wants revenge. Cross out the rest. This should leave one dragon row remaining only.

<p>The guilty dragon belongs to The Dragon of the Veil league. He has magic so much that he wants it to be released everywhere.</p> <p>84.23</p>	<p>The dragon causing the division wants the current leader to fail and he can take his place.</p> <p>79.07</p>	<p>The dragon culprit is in the Mystic Faction and wants revenge on the other dragons for teasing him.</p> <p>5.8</p>	<p>The dragon responsible for the splitting up of the Dragon Alliance wants revenge on the Mystic Faction for excluding him from a hunt.</p> <p>9.9</p>
<p>It is one of the dragons in The Champion Chase league trying to use magic to take over the Earth's surface.</p> <p>0.56</p>	<p>You will find the dragon who ruined the Dragon Alliance in the Ancient Warriors league.</p> <p>0.1</p>	<p>One of green dragons has wanted to become the new leader for a long time.</p> <p>0.5</p>	<p>The Dragons of the Veil have been angry with the current dragon leader, so one of them decided to cause a problem to challenge the leadership position.</p> <p>0.781</p>
<p>One of The Ancient Warriors dragons wants revenge on the other dragons for not all equally helping out with tasks.</p> <p>8.1</p>	<p>The dragon at fault wants to be his magical creature friends of the underworld to live in the sunshine on the Earth's surface.</p> <p>0.7</p>	<p>The dragon that needs to be divided for dragon allies has red scales.</p> <p>0.8</p>	<p>The Ancient Warriors league have a member that really wants to be the new dragon leader so that he can change some of the rules.</p> <p>5.18</p>

$$10 \overline{) 7} \quad \text{0.7}$$

$$100 \overline{) 990} \quad \text{9.9}$$

$$100 \overline{) 56} \quad \text{0.56}$$

$$100 \overline{) 8,423} \quad \text{84.23}$$

$$10 \overline{) 8} \quad \text{0.8}$$

$$100 \overline{) 50} \quad \text{0.5}$$

$$10 \overline{) 1} \quad \text{0.1}$$

$$100 \overline{) 7,907} \quad \text{79.07}$$

$$100 \overline{) 518} \quad \text{5.18}$$

$$10 \overline{) 81} \quad \text{8.1}$$

$$1,000 \overline{) 781} \quad \text{0.781}$$

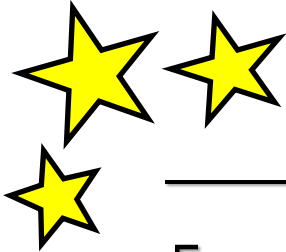
ELIMINATION PROCESS

Suspect Dragon Name	Color of Scales	Dragon Type	League	What did they do to cause the conflict?	Motive
Dracoy The Destroyer	Blue	Arcane	The Champion Chasers	Stole the Grand Dragonian Diamond	Wants magic to be released everywhere
Sliverscale The Victorious	Green	Shadow	The Dragons of the Veil	Puffed a curse of conflict	Wants to be the new dragon leader
Sudreth The Powerful	Blue	Elemental	The Ancient Warriors	Destroyed the Alliance Banner	Wants magic to be released everywhere
Kyloth The Magnificent	Gold	Arcane	The Mystic Faction	Puffed a curse of conflict	Wants revenge on the other dragons
Kennioth The Warrior	Green	Elemental	The Ancient Warriors	Destroyed the Alliance Banner	Wants to be the new dragon leader
Galzra The Protector	Red	Shadow	The Champion Chasers	Puffed a curse of conflict	Wants magic to be released everywhere
Tavorth The Grumpy	Red	Arcane	The Dragons of the Veil	Stole the Grand Dragonian Diamond	Wants to be the new dragon leader
Lissoth The Reckless	Gold	Elemental	The Ancient Warriors	Destroyed the Alliance Banner	Wants revenge on the other dragons
Apophis The Calm	Green	Shadow	The Champion Chasers	Stole the Grand Dragonian Diamond	Wants magic to be released everywhere
Milirth The Challenger	Gold	Shadow	The Mystic Faction	Puffed a curse of conflict	Wants revenge on the other dragons.
Norruth The Great	Red	Elemental	The Ancient Warriors	Destroyed the Alliance Banner	Wants revenge on the other dragons
Cithyth The Eternal	Blue	Shadow	The Dragons of the Veil	Stole the Grand Dragonian Diamond	Wants to be the new dragon leader
Vanlith The Champion	Blue	Elemental	The Mystic Faction	Puffed a curse of conflict	Wants magic to be released everywhere
Dallarath The Fierce	Gold	Arcane	The Champion Chasers	Destroyed the Alliance Banner	Wants to be the new dragon leader
Favnir The Scary	Green	Shadow	The Ancient Warriors	Puffed a curse of conflict	Wants revenge on the other dragons
Parath The Mysterious	Gold	Elemental	The Ancient Warriors	Stole the Grand Dragonian Diamond	Wants magic to be released everywhere
Tiolth The Brave	Blue	Shadow	The Champion Chasers	Puffed a curse of conflict	Wants to be the new dragon leader
Ator The Clumsy	Red	Shadow	The Mystic Faction	Destroyed the Alliance Banner	Wants magic to be released everywhere

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 which suspect has been crossed off from that clue.

MYSTERY ANSWER: MILIRTH THE CHALLENGER.

Super Detective Work!



Awarded To:



For solving the Math Mystery:

Case of The Divided Dragons



Super Detective Work!

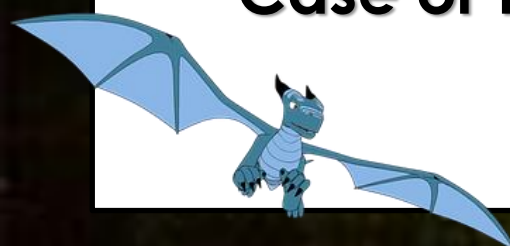


Awarded To:



For solving the Math Mystery:

Case of The Divided Dragons



CREDITS

THANK YOU FOR GRAPHICS & FONTS

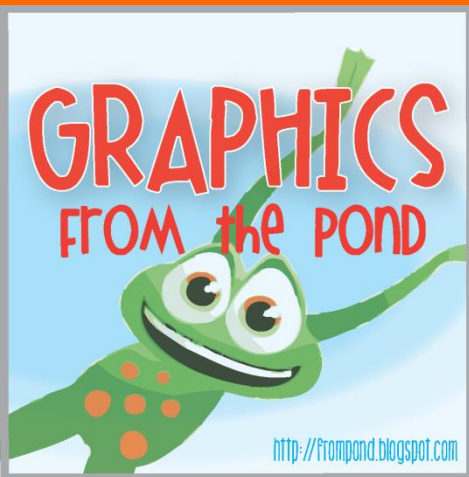


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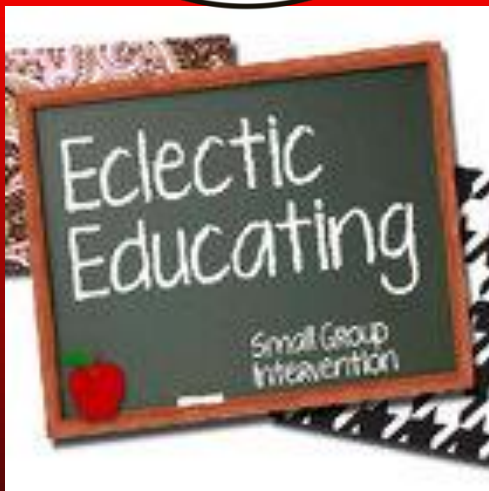
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