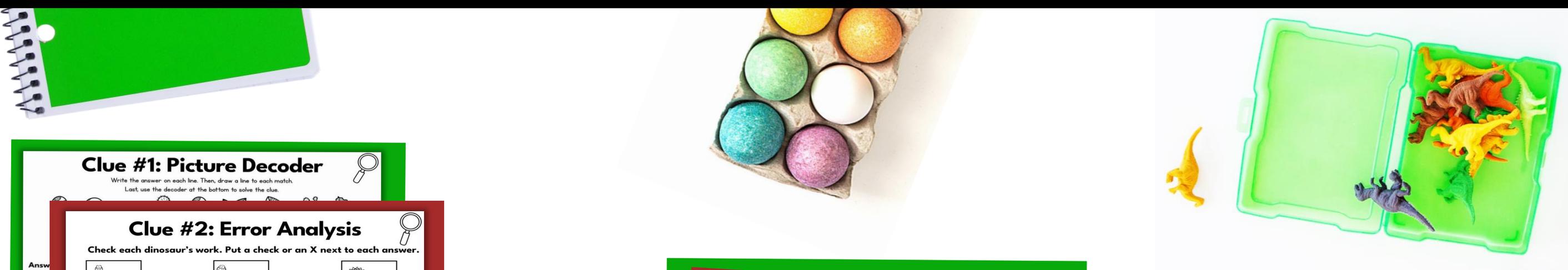


WHAT IS THIS?



Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match. Last, use the decoder of the bottom to solve the clue.

Clue #2: Error Analysis
Check each dinosaur's work. Put a check or an X next to each answer.

Clue #3: The Nest
First, write the answer on each egg in the nest. Then, read what to do in the box at the bottom.

Clue #4: Color the Dinosaur
Solve each question. Circle the right answer and color in the picture. Then read the bottom.

Clue #5: Descrambler
Solve each question. When the letters are unscrambled, they will make up the clue.

Who Does the Egg Belong to?
Solve the clues to figure out which dinosaur the egg belongs to.

Y D T L O
444444 + 444444 = 888888
525525 + 252252 = 777777
232323 + 323232 = 555555
424424 + 242242 = 666666
111111 + 111111 = 222222

O N E S F
777222 + 222777 = 999999
323323 + 323323 = 646646
121222 + 212222 = 333444
434444 + 444434 = 878878
555525 + 222525 = 778050

The dinosaur missing an egg:
DOES NOT FLY

777777 222222 333444 878878 646646 999999 555555 778050 666666 888888

solve the mystery

The Case of the Missing Dino Egg

THE LIFETIME LEARNER

Who Does the Egg Belong to?
Solve the clues to figure out which dinosaur the egg belongs to.

I'm a herbivore. Pachycephalosaur	I'm a carnivore. Pterodactyl	I'm a herbivore. Pachycephalosaur	I'm an omnivore. Oviraptor
I'm a carnivore. T-Rex	I'm a carnivore. Spinosaurus	I'm a herbivore. Brontosaurus	I'm a herbivore. Triceratops

Name: _____

THE LIFETIME LEARNER

Students complete a series of clues to figure out who the egg belongs to!

HOW TO PLAY



What Happened?

An egg fell out of its nest. Your mission is to figure out which dinosaur the egg belongs to so you can put the egg back in the correct nest. Solve the clues to figure out what dinosaur the egg belongs to and solve the mystery!

1. Take a dinosaur list and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering which dinosaur the egg belongs to.
3. Cross out wrong dinosaurs each time you find out new information. Good luck!



THE LIFETIME LEARNER

Clue #1: Picture Decoder

Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

									
6.89	7.49	5.97	5.53	6.22	7.08	6.71	7.41	7.59	7.59

Answers: 6.22 5.97 7.41 6.71 7.49 6.89 5.53 7.59 7.08

$3.45+2.77$	$2.68-3.29$	$3.97+3.44$	$4.05-2.66$	$1.71-5.78$	$5.21+1.68$	$3.45+2.08$	$1.32+6.27$	$2.96+4.12$
-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------

Letters: D M N I V O R E S

The egg does not belong to any:

Use this decoder to help you figure out what letter is equal to each picture.

A = 	G = 	M = 	S = 	Y = 
B = 	H = 	N = 	T = 	Z = 
C = 	I = 	O = 	U = 	
D = 	J = 	P = 	V = 	
E = 	K = 	Q = 	W = 	
F = 	L = 	R = 	X = 	

THE LIFETIME LEARNER

Who Does the Egg Belong to?

Solve the clues to figure out which dinosaur the egg belongs to.

 I'm a herbivore.	 I'm a carnivore.	 I'm a herbivore.	 I'm an omnivore.
Parasaurolophus	Pterodactyl	Pachycephalosaurus	Oviraptor
 I'm a carnivore.	 I'm a carnivore.	 I'm a herbivore.	 I'm a herbivore.
T-Rex	Spinosaurus	Brontosaurus	Triceratops

Name: _____

THE LIFETIME LEARNER

Each time students solve a clue, it will reveal what dinosaur to cross out. When all clues are completed, the mystery of the dinosaur egg will be solved!

SKILL PRACTICE

Option #1: Add Decimals

- Add decimals to the hundredths place
- Add decimals to the thousandths place

Option #2: Subtract Decimals

- Subtract decimals to the hundredths place
- Subtract decimals to the thousandths place
- Subtract with multiple zeroes

Option #3: Add & Subtract Decimals

- Add decimals to the hundredths place
- Subtract decimals to the hundredths place
- Add decimals to the thousandths place
- Subtract decimals to the thousandths place

Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

6.89 7.49 5.97

Answers: $\frac{6.22}{3.45+2.77}$ $\frac{5.97}{2.68+3.29}$ $\frac{7.49}{3.91+3.58}$

Letters:

The egg does not belong to any:
Use this decoder to help you figure out what letter is equal to each picture.

Clue #2: Error Analysis
Check each dinosaur's work. Put a check or an X next to each answer.

<input checked="" type="checkbox"/> $42.56+8.19=50.75$	<input checked="" type="checkbox"/> $34.46+5.63=40.08$	<input checked="" type="checkbox"/> $92.22+1.93=95.15$
<input checked="" type="checkbox"/> $13.34+6.43=19.77$	<input checked="" type="checkbox"/> $63.21+11.29=74.50$	<input checked="" type="checkbox"/> $35.63+5.24=40.78$
<input checked="" type="checkbox"/> $71.21+7.89=79.01$	<input checked="" type="checkbox"/> $16.84+9.40=26.42$	<input checked="" type="checkbox"/> $41.38+8.21=49.59$
<input checked="" type="checkbox"/> $58.25+8.98=67.23$	<input checked="" type="checkbox"/> $73.29+4.85=78.14$	<input checked="" type="checkbox"/> $83.22+1.55=84.77$

The dinosaur with the most correct answers is not the dinosaur missing an egg.

Clue #3: The Nest

$\begin{array}{r} 63.457 \\ +24.866 \\ \hline 88.323 \end{array}$	$\begin{array}{r} 14.555 \\ +73.249 \\ \hline 87.804 \end{array}$	$\begin{array}{r} 29.364 \\ +54.281 \\ \hline 83.645 \end{array}$	$\begin{array}{r} 66.129 \\ +28.324 \\ \hline 94.453 \end{array}$	$\begin{array}{r} 81.405 \\ +12.384 \\ \hline 93.789 \end{array}$
$\begin{array}{r} 33.904 \\ +62.551 \\ \hline 96.455 \end{array}$	$\begin{array}{r} 12.242 \\ +87.144 \\ \hline 99.386 \end{array}$	Dinosaur walks <u>10</u> legs.		

All clues focus on reviewing adding and subtracting decimals.

MULTIPLE VERSIONS



Print & Digital Forms

Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

Clue #2: Error Analysis
Check each dinosaur's work. Put a check or an X next to each answer.

Clue #3: The Nest
First, write the answer on each egg in the nest.
Then, read what to do in the box at the bottom.

21293 +78107	63457 +24866	14555 +73249	29364 +54281	66129 +28324	81405 +12384
-----------------	-----------------	-----------------	-----------------	-----------------	-----------------

3 Clue Version

Cross out the boxes with the following answers:
92.739, 87.804, 99.386, 58.562, 99.400,
96.455, 93.789, 49.932, 83.645

The letters that are left will reveal a message.

The dinosaur walks on two legs.

Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

Clue #2: Error Analysis
Check each dinosaur's work. Put a check or an X next to each answer.

Clue #3: The Nest
First, write the answer on each egg in the nest.
Then, read what to do in the box at the bottom.

Clue #4: Color the Dinosaur
Solve each question. Circle the right answer and color in the picture.

Clue #5: Descrambler
Solve each question. When the letters are unscrambled, they will make up the clue.

444444 +444444	525525 +252252	232323 +323232	424424 +242242	111111 +111111
-------------------	-------------------	-------------------	-------------------	-------------------

5 Clue Version

The dinosaur missing an egg:
D O E S N O T F L Y

The dinosaur missing an egg:
Y D T L O
O N E S F

Clue #5: Descrambler
Solve each question. When the letters are unscrambled, they will make up the clue.

444444 +444444	525525 +252252	232323 +323232	424424 +242242	111111 +111111
-------------------	-------------------	-------------------	-------------------	-------------------

888.888 777.777 555.555 666.666 222.222

777222 +222777	323323 +323323	121222 +212222	434444 +444434	555525 +222525
-------------------	-------------------	-------------------	-------------------	-------------------

The dinosaur missing an egg:
D O E S N O T F L Y

777777 222222 333444 878878 646646 999999 555555 778050 666666 888888

Clue #5: Descrambler
Solve each question. When the letters are unscrambled, they will make up the clue.

444444 +444444	525525 +252252	232323 +323232	424424 +242242	111111 +111111
-------------------	-------------------	-------------------	-------------------	-------------------

888.888

777222 +222777	323323 +323323	121222 +212222	434444 +444434	555525 +222525
-------------------	-------------------	-------------------	-------------------	-------------------

The dinosaur missing an egg:
Y D T L O
O N E S F

777777 222222 333444 878878 646646 999999 555555 778050 666666 888888

Short & Long Options

2 MATH FACT OPTIONS!

Who Does the Egg Belong to?
Solve the clues to figure out which dinosaur the egg belongs to.

I'm a herbivore. Parasaurolophus	I'm a carnivore. Pterodactyl	I'm a herbivore. Pachycephalosaur	I'm an omnivore. Oviraptor
I'm a carnivore. T-Rex	I'm a carnivore. Spinosaurus	I'm a herbivore. Brontosaurus	I'm a herbivore. Triceratops

Name: _____

Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

15 16 13 7 20 10 6 14

Answers: $15-5$ $8-2$ $7-7$ $2-4$ $10-6$ $12-3$ $6-1$ $5-7$

Letters: _____

The egg does not belong to any:
Use this decoder to help you figure out what letter is equal to each picture.

Clue #2: Error Analysis
Check each dinosaur's work. Put a check or an X next to each answer.

$15-4=11$ $10-6=4$ $18-9=9$
 $8-5=3$ $12-3=9$ $14-6=7$
 $7-1=8$ $2-1=0$ $9-2=5$
 $6-2=4$ $13-1=12$

Clue #3: The Nest
First, write the answer on each egg in the nest. Then, read what to do in the box at the bottom.

5 + 6 = 11 (F)
 5 + 10 = 15 (T)
 4 + 12 = 16 (N)
 7 + 3 = 10 (O)
 13 + 4 = 17 (W)
 8 + 5 = 13 (S)
 16 + 4 = 20 (H)
 2 + 6 = 8 (U)
 12 + 2 = 14 (O)
 4 + 7 = 11 (E)
 6 + 13 = 19 (R)
 4 + 1 = 5 (E)

out the boxes with the following instructions:
 Walks on all fours.
 Lays eggs.
 The dinosaur walks on all fours and lays eggs.

Clue #4: Color the Dinosaur
Solve each question. Circle the right answer and color in the picture. Then read the bottom.

A. 4 - red spots
B. 5 - blue spots
C. 6 - yellow spots
D. 7 - green spots

A. 6 - red body
B. 7 - blue body
C. 8 - yellow body
D. 9 - green body

A. 1 - red head spikes
B. 2 - blue head spikes
C. 4 - yellow head spikes
D. 5 - green head spikes

A. 8 - red leaves
B. 10 - blue leaves
C. 9 - yellow leaves
D. 8 - green leaves

A. 4 - red rock
B. 3 - blue rock
C. 2 - yellow rock
D. 8 - green rock

A. 7 - red eggs
B. 6 - blue eggs
C. 8 - yellow eggs
D. 5 - green eggs

Choose the key below that matches how you colored the picture of the dinosaur.

Cross out the incorrect if the dinosaur has: Green spots Green body Yellow head spikes Blue leaves Red rock Blue eggs	Cross out the incorrect if the dinosaur has: Green spots Green body Yellow head spikes Blue leaves Blue rock Red eggs	Cross out the incorrect if the dinosaur has: Green spots Green body Blue head spikes Yellow leaves Blue rock Red eggs	Cross out the incorrect if the dinosaur has: Yellow spots Green body Green head spikes Blue leaves Blue rock Red eggs
--	--	--	--

Clue #5: Descrambler
Solve each question. When the letters are unscrambled, they will make up the clue.

Y D T L O
 4×4 9×7 3×5 6×2 10×8

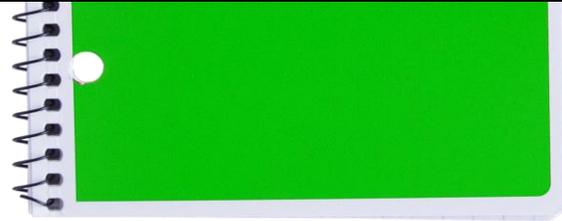
O N E S F
 9×4 4×6 8×7 3×7 5×9

The dinosaur missing an egg:
 63 36 56 21 24 80 15 45 12 15

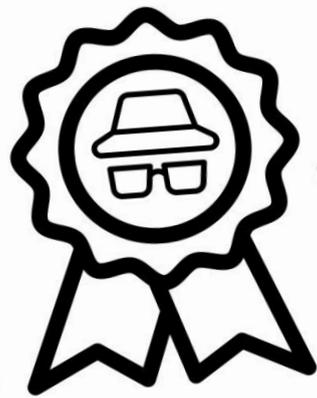
Same clues. Same mystery. Different math!

Use the add/subtract facts to 20 mystery or the multiplication/division facts 1-12 mystery!

FAST FINISHER ACTIVITY



The Detective Agency sends congratulations to:



Lindsay

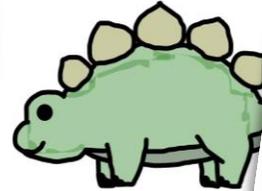
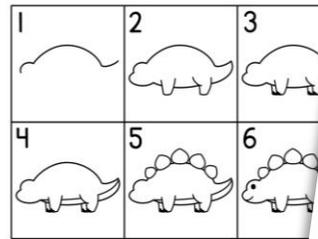
You solved the mystery!

11/2
Date

AW
Presented by:

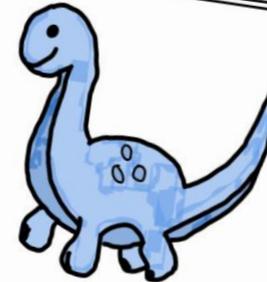
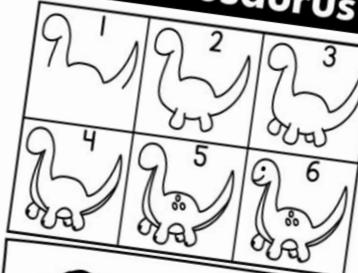
LET'S DRAW...

a stegosaurus



LET'S DRAW...

brachiosaurus



If students finish early, give them a certificate of completion and a directed drawing to complete while others continue working.

MATH MYSTERY BENEFITS



- No Prep
- Print and Digital Versions
- 3 & 5 Clue Options
- Extra Math Facts Mystery
- Fun and Engaging
- Easy to Differentiate
- Encourages Critical Thinking
- Aligns with Math Standards
- Perfect for Review Days

Clue #4: Color the Dinosaur

Solve each question. Circle the right answer and color in the picture. Then read the bottom.

$\begin{array}{r} 86 \\ - 10 \\ \hline 96 \end{array}$ <p>A. 85 - red spots B. 87 - blue spots C. 95 - yellow spots D. 96 - green spots</p>	$\begin{array}{r} 64 \\ - 10 \\ \hline 74 \end{array}$ <p>A. 69 - red body B. 70 - blue body C. 73 - yellow body D. 74 - green body</p>	$\begin{array}{r} 16 \\ - 10 \\ \hline 26 \end{array}$ <p>A. 20 - red head spikes B. 23 - blue head spikes C. 26 - yellow head spikes D. 30 - green head spikes</p>
$\begin{array}{r} 57 \\ - 10 \\ \hline 67 \end{array}$ <p>A. 66 - red leaves B. 67 - blue leaves C. 68 - yellow leaves D. 70 - green leaves</p>	$\begin{array}{r} 42 \\ - 10 \\ \hline 52 \end{array}$ <p>A. 51 - red rock B. 52 - blue rock C. 55 - yellow rock D. 62 - green rock</p>	$\begin{array}{r} 76 \\ - 10 \\ \hline 86 \end{array}$ <p>A. 86 - red eggs B. 87 - blue eggs C. 90 - yellow eggs D. 96 - green eggs</p>

Choose the key below that matches how you colored the picture of the dinosaur.

<p>Cross out the <u>sarivores</u> if the dinosaur has:</p> <ul style="list-style-type: none">• Green spots• Green body• Yellow head spikes• Blue leaves• Red rock• Blue eggs	<p>Cross out the <u>herbivores</u> if the dinosaur has:</p> <ul style="list-style-type: none">• Green spots• Green body• Yellow head spikes• Blue leaves• Blue rock• Red eggs	<p>Cross out the <u>T-Rex</u> if the dinosaur has:</p> <ul style="list-style-type: none">• Green spots• Green body• Blue head spikes• Yellow leaves• Blue rock• Red eggs	<p>Cross out the <u>Pterodactyl</u> if the dinosaur has:</p> <ul style="list-style-type: none">• Yellow spots• Green body• Green head spikes• Blue leaves• Blue rock• Red eggs
---	--	---	---

In 5th grade, this works well in small groups or in partners.

WHY TEACHERS LOVE THESE!

Ordinary math worksheets can be boring and unoriginal.

You want activities that are fun and engaging, but also rigorous and meaningful to student learning.

MATH MYSTERIES ARE EXACTLY WHAT YOU'VE BEEN LOOKING FOR!

Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Clue #2: Error Analysis
Check each dinosaur's work. Put a check or an X next to each answer.

Clue #3: The Nest
First, write the answer on each egg in the nest. Then, read what to do in the box at the bottom.

Clue #4: Color the Dinosaur
Solve each question. Circle the right answer and color in the picture. Then read the bottom.

Clue #5: Descrambler
Solve each question. When the letters are unscrambled, they will make up the clue.

$\begin{array}{r} 44444 \\ + 44444 \\ \hline 88888 \end{array}$	$\begin{array}{r} 525525 \\ + 252252 \\ \hline 777777 \end{array}$	$\begin{array}{r} 232323 \\ + 323232 \\ \hline 555555 \end{array}$	$\begin{array}{r} 424424 \\ + 242242 \\ \hline 666666 \end{array}$	$\begin{array}{r} 111111 \\ + 111111 \\ \hline 222222 \end{array}$
$\begin{array}{r} 777222 \\ + 222777 \\ \hline 999999 \end{array}$	$\begin{array}{r} 323323 \\ + 323323 \\ \hline 646646 \end{array}$	$\begin{array}{r} 121222 \\ + 212222 \\ \hline 333444 \end{array}$	$\begin{array}{r} 434444 \\ + 444434 \\ \hline 878878 \end{array}$	$\begin{array}{r} 555525 \\ + 222525 \\ \hline 778050 \end{array}$

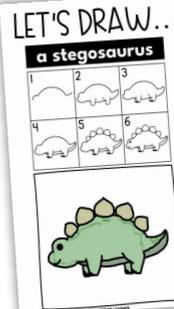
The dinosaur missing an egg: **DOES NOT FLY**

The Detective Agency sends congratulations to:

Lindsay
You solved the mystery!

Date: 11/2 Presented by: AW

LET'S DRAW...
a stegosaurus



LET'S DRAW...
brachiosaurus



Who Does the Egg Belong to?

Solve the clues to figure out which dinosaur the egg belongs to.

<input checked="" type="checkbox"/> I'm a herbivore. Pterodactyl	<input checked="" type="checkbox"/> I'm a carnivore. Pterodactyl	<input checked="" type="checkbox"/> I'm a herbivore. Pachycephalosaurus	<input checked="" type="checkbox"/> I'm an omnivore. Oviraptor
<input checked="" type="checkbox"/> I'm a carnivore. T-Rex	<input checked="" type="checkbox"/> I'm a carnivore. Spinosaurus	<input checked="" type="checkbox"/> I'm a herbivore. Brontosaurus	<input checked="" type="checkbox"/> I'm a herbivore. Triceratops

Name: _____

solve the mystery



The Case of the Missing Dino Egg

THE LIFETIME LEARNER

WHAT MAKES MATH MYSTERIES UNIQUE?

Math Mysteries aren't just a copy of Reading Mysteries!

They have brand-new clues, focus on math skills, and even feature a different conclusion to the mystery.

The only thing that stays the same is the list of suspects students start with!

So, if you have both, students can play during math and then again during reading for double the fun.

Reading

Clue #1: Find It!
Fill in the ending to each adverb with **-ly**, **-ward**, **-wise**, or **-where**.
Then circle the ones with **-ly**. Read the words you circled from left to right like a book to solve the clue.

the The dinosaur loud <u>ly</u> roared.	cute The T. rex stomped for <u>ward</u> into the clearing.	dino The raptor quick <u>ly</u> chased its prey.	egg The little dinosaur couldn't find its herd any <u>where</u> .
wings The fossils were sorted length <u>wise</u> in the museum.	not The stegosaurus slow <u>ly</u> walked toward the water.	have The pterodactyl graceful <u>ly</u> glided above the trees.	
a The dinosaur bones were careful <u>ly</u> cleaned by scientists.	short Dinosaurs once lived every <u>where</u> across the world.	long The ankylosaurus brave <u>ly</u> stood its ground.	neck The herd moved cautious <u>ly</u> past the volcano.

Write the phrase on the line. Cross the wrong dinosaur off your list.
the dino does not have a long neck

Example of Clue 1

Math

Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

6.89	7.49	5.97	5.53	6.22	7.08	6.71	7.41	7.59
6.89	7.49	5.97	5.53	6.22	7.08	6.71	7.41	7.59
6.22	5.97	7.41	6.71	7.49	6.89	5.53	7.59	7.08
3.45+2.77	2.68+3.29	3.97+3.44	4.05+2.66	1.7+5.78	5.2+1.68	3.45+2.08	1.32+6.27	2.96+4.12

D O M I N I V O R E S

The egg does not belong to any:

Use this decoder to help you figure out what letter is equal to each picture.

A = 🍄	G = 🍄	M = 🍄	S = 🍄	Y = 🍄
B = 🍄	H = 🍄	N = 🍄	T = 🍄	Z = 🍄
C = 🍄	I = 🍄	O = 🍄	U = 🍄	
D = 🍄	J = 🍄	P = 🍄	V = 🍄	
E = 🍄	K = 🍄	Q = 🍄	W = 🍄	
F = 🍄	L = 🍄	R = 🍄	X = 🍄	

KEEP THE FUN GOING!

GRAB A **READING MYSTERY**:

Reading mysteries aren't just a copy of math. They come with fresh clues, unique reading challenges, and a new culprit, so students are solving an entirely different case!



MORE **MATH MYSTERIES**:

Explore other grade levels to differentiate and keep every student engaged.



BUY A BUNDLE
TO **SAVE BIG!**

