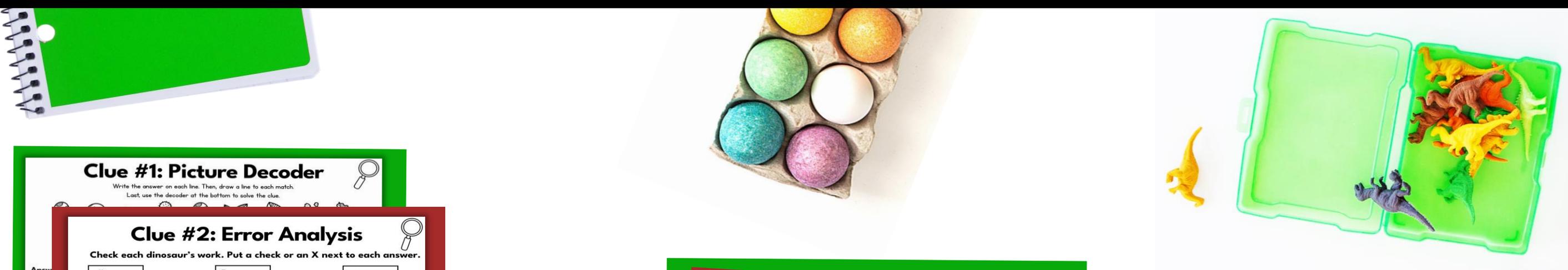


WHAT IS THIS?



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.

Choose the key below:
Green spots
Green body
Yellow head spikes
Blue leaves
Red rock
Blue eggs

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

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.

<input checked="" type="checkbox"/> I'm a herbivore. Pachycephalosaur	<input checked="" type="checkbox"/> I'm a carnivore. Pterodactyl	<input checked="" type="checkbox"/> I'm a herbivore. Pachycephalosaur	<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: _____

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.



353 119 287 77 68 173 108 305 233

Answers: 68 287 305 108 119 353 77 233 173

345-277 498-211 630-325 224-116 467-348 521-168 327-250 689-456 422-249

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. Parasaurolophus	 I'm a carnivore. Pterodactyl	 I'm a herbivore. Pachycephalosaurus	 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

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 to 1000

- Add 2 digit + 2 digit
- Add 2 digit + 3 digit
- Add 3 digit + 3 digit

Option #2: Subtract to 1000

- 2 digit subtraction
- 3 digit subtraction
- Subtract with zeroes
- Subtract with double zeroes

Option #3: Add & Subtract to 1000

- 3 digit - 3 digit
- 3 digit + 3 digit
- 3 digit - 2 digit
- 2 digit + 3 digit
- 2 digit - 2 digit
- 2 digit + 2 digit

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.

Answers: $\frac{68}{345-277}$ $\frac{287}{498-211}$ $\frac{30}{63}$

Letters: O M

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"/> $256-19=237$	<input checked="" type="checkbox"/> $588-45=543$	<input checked="" type="checkbox"/> $672-63=608$
<input checked="" type="checkbox"/> $348-21=329$	<input checked="" type="checkbox"/> $296-52=234$	<input checked="" type="checkbox"/> $334-28=316$
<input checked="" type="checkbox"/> $212-10=202$	<input checked="" type="checkbox"/> $417-33=383$	<input checked="" type="checkbox"/> $288-31=257$
<input checked="" type="checkbox"/> $457-39=418$	<input checked="" type="checkbox"/> $249-66=183$	<input checked="" type="checkbox"/> $563-24=539$

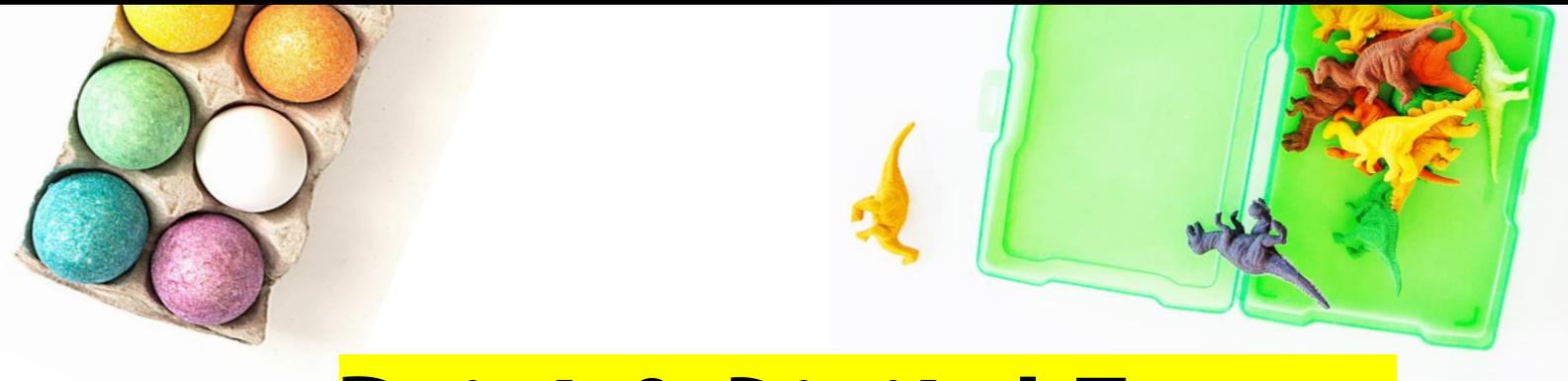
The dinosaur with the most correct answers is not the dinosaur missing an egg.

Clue #3: The Nest

sauro walks
no legs.

All clues focus on reviewing addition & subtraction.

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.

3 Clue Version

Cross out the boxes with the following answers:
44, 35, 33, 31, 27, 37, 38, 40, 25

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.

5 Clue Version

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

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

Y 444 + 444 888	D 634 + 364 998	T 234 + 432 666	L 123 + 321 444	O 349 + 493 842
O 821 + 128 949	N 562 + 256 818	E 712 + 127 839	S 133 + 331 464	F 415 + 154 569

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

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

Y 444 + 444 888	D 634 + 364 998	T 234 + 432 666	L 123 + 321 444	O 349 + 493 842
O 821 + 128 949	N 562 + 256 818	E 712 + 127 839	S 133 + 331 464	F 415 + 154 569

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

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: $\frac{15}{5}=3$ $\frac{16}{8}=2$ $\frac{13}{7}=1$ $\frac{7}{7}=1$ $\frac{20}{10}=2$ $\frac{10}{5}=2$ $\frac{6}{3}=2$ $\frac{14}{7}=2$

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 type="checkbox"/> $15-4=11$	<input type="checkbox"/> $10-6=4$	<input type="checkbox"/> $18-9=9$
<input type="checkbox"/> $8-5=3$	<input type="checkbox"/> $12-3=9$	<input type="checkbox"/> $14-6=7$
<input type="checkbox"/> $7-1=8$	<input type="checkbox"/> $2-1=0$	<input type="checkbox"/> $9-2=5$
<input type="checkbox"/> $6-2=4$	<input type="checkbox"/> $13-1=12$	

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.

$\frac{5}{+6}$ $\frac{5}{+10}$ $\frac{4}{+12}$ $\frac{7}{+3}$ $\frac{13}{+4}$ $\frac{8}{+5}$
 F T N O W S
 $\frac{16}{+4}$ $\frac{2}{+6}$ $\frac{12}{+2}$ $\frac{4}{+7}$ $\frac{6}{+13}$ $\frac{4}{+1}$
 H U O E R E

out the boxes with the...

_____ walks eggs.

Clue #4: Color the Dinosaur

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

 $\frac{63}{9}$	 $\frac{72}{8}$	 $\frac{16}{4}$
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
 $\frac{50}{5}$	 $\frac{24}{8}$	 $\frac{35}{5}$
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 carrots if the dinosaur has: Green spots Green body Yellow head spikes Blue leaves Red rock Blue eggs	Cross out the carrots if the dinosaur has: Green spots Green body Yellow head spikes Blue leaves Blue rock Red eggs	Cross out the carrots if the dinosaur has: Green spots Green body Blue head spikes Yellow leaves Blue rock Red eggs	Cross out the carrots if the dinosaur has: Yellow spots Green body Green head spikes Blue leaves Blue rock Red eggs
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Clue #5: Descrambler

Solve each question. When the letters are unscrambled, they will make up the clue.

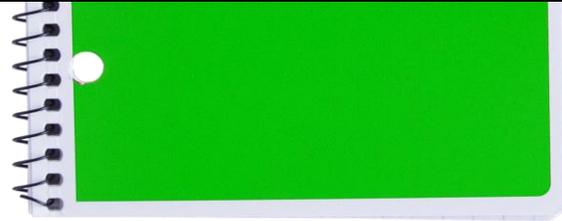
 Y	 D	 T	 L	 O
$\frac{4}{x4}$	$\frac{9}{x7}$	$\frac{3}{x5}$	$\frac{6}{x2}$	$\frac{10}{x8}$
 O	 N	 E	 S	 F
$\frac{9}{x4}$	$\frac{4}{x6}$	$\frac{8}{x7}$	$\frac{3}{x7}$	$\frac{5}{x9}$

The dinosaur missing an egg:

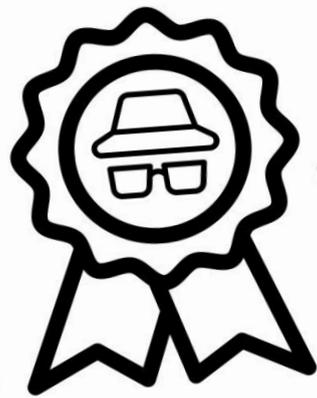
Same clues. Same mystery. Different math!

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!

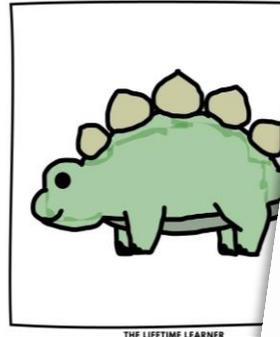
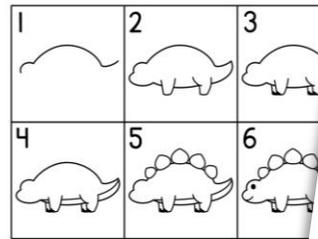
11/2
Date

AW
Presented by:

THE LIFETIME LEARNER

LET'S DRAW...

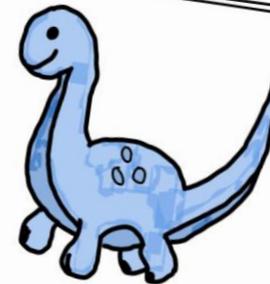
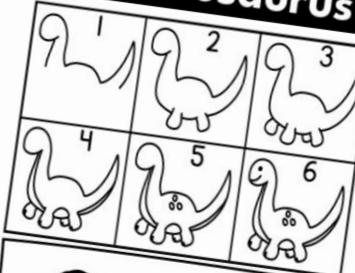
a stegosaurus



THE LIFETIME LEARNER

LET'S DRAW...

brachiosaurus



THE LIFETIME LEARNER

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.

Problem 1:
$$\begin{array}{r} 586 \\ -202 \\ \hline 384 \end{array}$$

A. 385 - red spots
B. 484 - blue spots
C. 374 - yellow spots
D. 384 - green spots

Problem 2:
$$\begin{array}{r} 349 \\ -405 \\ \hline 104 \end{array}$$

A. 206 - red body
B. 116 - blue body
C. 107 - yellow body
D. 106 - green body

Problem 3:
$$\begin{array}{r} 375 \\ -201 \\ \hline 174 \end{array}$$

A. 173 - red head spikes
B. 175 - blue head spikes
C. 174 - yellow head spikes
D. 164 - green head spikes

Problem 4:
$$\begin{array}{r} 10 \\ 5604 \\ -411 \\ \hline 193 \end{array}$$

A. 195 - red leaves
B. 193 - blue leaves
C. 183 - yellow leaves
D. 293 - green leaves

Problem 5:
$$\begin{array}{r} 9 \\ 45011 \\ -327 \\ \hline 174 \end{array}$$

A. 175 - red rock
B. 174 - blue rock
C. 184 - yellow rock
D. 173 - green rock

Problem 6:
$$\begin{array}{r} 2 \\ 83616 \\ -407 \\ \hline 429 \end{array}$$

A. 429 - red eggs
B. 419 - blue eggs
C. 529 - yellow eggs
D. 428 - green eggs

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

<p>Cross out the sarivores 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 herbivores 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 T-Rex 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 Pterodactyl 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 3rd 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.

$\begin{array}{r} 53 \\ -10 \\ \hline 43 \end{array}$	$\begin{array}{r} 39 \\ -10 \\ \hline 29 \end{array}$	$\begin{array}{r} 69 \\ -10 \\ \hline 59 \end{array}$		
$\begin{array}{r} 70010 \\ -482 \\ \hline 218 \end{array}$	$\begin{array}{r} 100 \\ -45 \\ \hline 55 \end{array}$	$\begin{array}{r} 40014 \\ -376 \\ \hline 524 \end{array}$	$\begin{array}{r} 300 \\ -211 \\ \hline 89 \end{array}$	$\begin{array}{r} 70016 \\ -633 \\ \hline 167 \end{array}$
$\begin{array}{r} 40010 \\ -248 \\ \hline 152 \end{array}$	$\begin{array}{r} 20010 \\ -538 \\ \hline 262 \end{array}$	$\begin{array}{r} 200 \\ -121 \\ \hline 79 \end{array}$	$\begin{array}{r} 40010 \\ -349 \\ \hline 151 \end{array}$	$\begin{array}{r} 50010 \\ -362 \\ \hline 238 \end{array}$

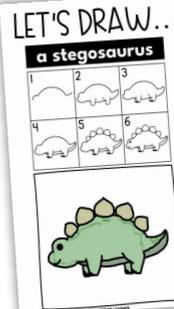
The dinosaur missing an egg:
D O E S N O T F L Y

The Detective Agency sends congratulations to:

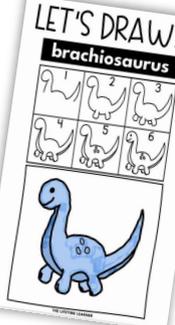
Lindsay
You solved the mystery!

11/2 Date **AW** Presented by:

LET'S DRAW...
a stegosaurus



LET'S DRAW...
brachiosaurus



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

Math

Example of Clue 1

Clue #1: Find It!

Write **then** or **than** in each box. Circle the boxes with **then**.
Read the words you circled from left to right like a book to solve the clue.

The dino ate his lunch, and <u>then</u> ...	This dino is bigger than <u>than</u> that one.	He sniffed the air and <u>then</u> growled at the noise.	This cave is darker than <u>than</u> the last one.
She runs faster than <u>than</u> her brother.	They ate leaves, and <u>then</u> they played.	Back <u>then</u> , dinos roamed everywhere.	
The egg cracked open, and <u>then</u> a tiny dino peeked out.	His tail is longer than <u>than</u> hers.	The dinosaurs ate by the river, and <u>then</u> they lay in the sun.	<u>Then</u> they heard a T-Rex stomp by.

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

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.

353	119	287	77	68	173	108	305	233	
rs: <u>68</u>	<u>287</u>	<u>305</u>	<u>108</u>	<u>119</u>	<u>353</u>	<u>77</u>	<u>233</u>	<u>173</u>	
	345-277	498-21	630-325	221-16	467-348	52-168	327-250	689-156	422-249
rs:	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 =	

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!**

