

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.

$\begin{array}{r} 44 \\ + 44 \\ \hline 88 \end{array}$	$\begin{array}{r} 63 \\ + 36 \\ \hline 99 \end{array}$	$\begin{array}{r} 34 \\ + 43 \\ \hline 77 \end{array}$	$\begin{array}{r} 23 \\ + 23 \\ \hline 46 \end{array}$	$\begin{array}{r} 15 \\ + 15 \\ \hline 30 \end{array}$
$\begin{array}{r} 21 \\ + 12 \\ \hline 33 \end{array}$	$\begin{array}{r} 11 \\ + 11 \\ \hline 22 \end{array}$	$\begin{array}{r} 41 \\ + 14 \\ \hline 55 \end{array}$	$\begin{array}{r} 51 \\ + 15 \\ \hline 66 \end{array}$	$\begin{array}{r} 31 \\ + 13 \\ \hline 44 \end{array}$

The dinosaur missing an egg:
DOES NOT FLY

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.

$\begin{array}{l} \text{I'm a herbivore.} \\ \text{Pachycephalosaur} \end{array}$	$\begin{array}{l} \text{I'm a carnivore.} \\ \text{Pterodactyl} \end{array}$	$\begin{array}{l} \text{I'm a herbivore.} \\ \text{Pachycephalosaur} \end{array}$	$\begin{array}{l} \text{I'm an omnivore.} \\ \text{Oviraptor} \end{array}$
$\begin{array}{l} \text{I'm a carnivore.} \\ \text{T-Rex} \end{array}$	$\begin{array}{l} \text{I'm a carnivore.} \\ \text{Spinosaurus} \end{array}$	$\begin{array}{l} \text{I'm a herbivore.} \\ \text{Brontosaurus} \end{array}$	$\begin{array}{l} \text{I'm a herbivore.} \\ \text{Triceratops} \end{array}$

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.



88 74 58 82 62 71 66 73 75

Answers: 62 58 73 66 74 88 82 75 71

35+27 26+32 39+34 40+26 17+57 52+36 34+48 13+62 29+42

Letters: O 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
 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 100

-2 digit + 1 digit

-with regrouping

-2 digit + 2 digit

-without regrouping

Option #2: Subtract to 100

-2 digit - 1 digit

-with regrouping

subtraction

-without regrouping

-2 digit - 1 digit

-with zeroes

subtraction

Option #3: Add & Subtract to 100

• 2 digit - 2 digit

• 2 digit + 2 digit

• 2 digit - 1 digit

• 2 digit + 1 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.

88 74 58
Answers: $\frac{62}{35+27}$ $\frac{58}{26+32}$
Letters: Q 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"/> $25+9=34$	<input checked="" type="checkbox"/> $34+6=39$	<input checked="" type="checkbox"/> $92+7=98$
<input checked="" type="checkbox"/> $64+7=71$	<input checked="" type="checkbox"/> $63+9=72$	<input checked="" type="checkbox"/> $35+4=40$
<input checked="" type="checkbox"/> $71+8=80$	<input checked="" type="checkbox"/> $16+6=23$	<input checked="" type="checkbox"/> $41+8=49$
<input checked="" type="checkbox"/> $58+5=63$	<input checked="" type="checkbox"/> $73+8=81$	<input checked="" type="checkbox"/> $83+6=89$

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

Clue #3: The Nest

42 + 54 = 96
69 + 25 = 94 X
73 + 18 = 91 X
77 + 21 = 98 W
13 + 65 = 78 S X
69 + 19 = 88 R X
34 + 52 = 86 E X
saur 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:
92, 91, 86, 78, 45, 88, 94, 87, 81

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.

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	D	T	L	O
$\begin{array}{r} 44 \\ + 44 \\ \hline 88 \end{array}$	$\begin{array}{r} 63 \\ + 36 \\ \hline 99 \end{array}$	$\begin{array}{r} 34 \\ + 43 \\ \hline 77 \end{array}$	$\begin{array}{r} 23 \\ + 23 \\ \hline 46 \end{array}$	$\begin{array}{r} 15 \\ + 15 \\ \hline 30 \end{array}$

The dinosaur missing an egg:
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Y	D	T	L	O
$\begin{array}{r} 44 \\ + 44 \\ \hline 88 \end{array}$	$\begin{array}{r} 63 \\ + 36 \\ \hline 99 \end{array}$	$\begin{array}{r} 34 \\ + 43 \\ \hline 77 \end{array}$	$\begin{array}{r} 23 \\ + 23 \\ \hline 46 \end{array}$	$\begin{array}{r} 15 \\ + 15 \\ \hline 30 \end{array}$

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

Short & Long Options

MATH FACT VERSION!

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

I'm a herbivore. Parasaurlophus	I'm a carnivore. Pterodactyl	I'm a herbivore. Pachycephalosaur	I'm an omnivore. Oviraptor
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.

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.

Answers: _____

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

Answers: _____

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

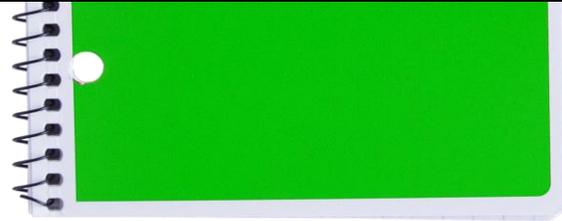
Answers: _____

The dinosaur missing an egg: _____

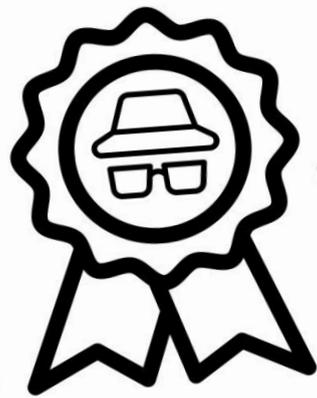
Same clues. Same mystery. Different math!

There is an extra version included that focuses on addition and subtraction facts to 20.

FAST FINISHER ACTIVITY



The Detective Agency sends congratulations to:



Lindsay

You solved the mystery!

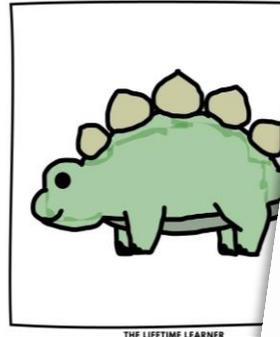
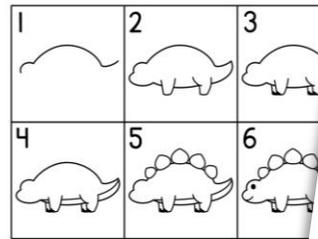
11/2
Date

AW
Presented by:

THE LIFETIME LEARNER

LET'S DRAW...

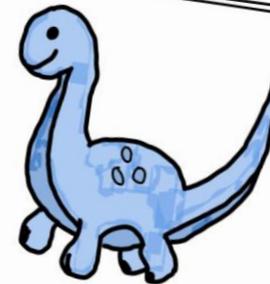
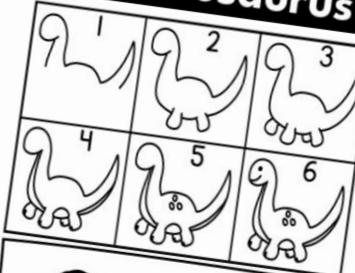
a stegosaurus



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.

12
+ 58

70

A. 60 - red spots
B. 63 - blue spots
C. 69 - yellow spots
D. 70 - green spots

64
+ 23

87

A. 83 - red body
B. 84 - blue body
C. 86 - yellow body
D. 87 - green body

16
+ 83

99

A. 89 - red head spikes
B. 96 - blue head spikes
C. 99 - yellow head spikes
D. 100 - green head spikes

54
+ 37

91

A. 90 - red leaves
B. 91 - blue leaves
C. 93 - yellow leaves
D. 94 - green leaves

40
+ 13

53

A. 52 - red rock
B. 53 - blue rock
C. 56 - yellow rock
D. 63 - green rock

36
+ 42

78

A. 78 - red eggs
B. 79 - blue eggs
C. 80 - yellow eggs
D. 81 - green eggs

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
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THE LIFETIME LEARNER

In 2nd 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!

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$\begin{array}{r} 53 \\ - 10 \\ \hline 43 \end{array}$	$\begin{array}{r} 39 \\ - 10 \\ \hline 29 \end{array}$	$\begin{array}{r} 69 \\ - 10 \\ \hline 59 \end{array}$		
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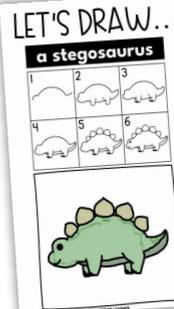
The dinosaur missing an egg:
D O E S N O T F L Y

The Detective Agency sends congratulations to:

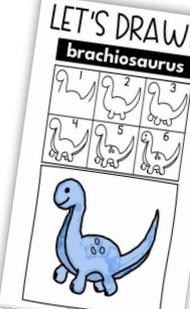
Lindsay
You solved the mystery!

11/2 **AW**
Date 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. Spinosaurus	<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!
Circle the boxes where the picture matches the sentence.
Read the words you circled from left to right like a book to solve the clue.

 the	 cute	 dino	 egg
 The dinosaur is <u>the</u> cute.	 I <u>erase</u> the dinosaur drawing and start again.	 A dinosaur knocked over <u>the</u> lampshade.	 The dinosaur climbs up <u>the</u> staircase.
 The dino steps on my loose <u>shoelace</u> .	 My <u>classmate</u> loves to draw dinosaurs.	 The dino packs his <u>suitcase</u> for a trip.	 The baby dino joined the <u>parade</u> .
 The fish tries to <u>escape</u> from a big dino.	 The dinosaur helps <u>inflate</u> the float.	 The dinosaur drinks a <u>cold</u> milkshake.	 The baby dino joined the <u>parade</u> .

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.

								
88	74	58	82	62	71	66	73	75

Answers: 62 58 73 66 74 88 82 75 71

Decoder: Q 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 = 	
F = 	L = 	K = 	Q = 	W = 
		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!**

