

WHAT IS THIS?

Clue #1: Find It!

Look at how long the items are below. Then, circle the true statements at the bottom. Cross out the false ones. Read the words you circled from left to right like a book to solve the clue.

Clue #2: Descrambler

Match each letter with the measurement at the bottom. When the letters are unscrambled, they will make up the clue.

Clue #3: Right or Wrong?

Tell if you would use inches or feet to measure each object. Color each thumb in to show if you agree with each answer.

Clue 4: The Map

Cut out the ruler at the bottom. Use it to figure out how far it is from one place to the next.

How far is it from the deer to the waterfall? $9\frac{1}{2}$ $9\frac{1}{2}$ 9 $8\frac{1}{2}$
How far is it from the canoe to the paddles? 6 6
How far is it from the fire pit? 8 8
How far is it from the bike? $7\frac{1}{2}$ 8
How far is it from the fish? $6\frac{1}{2}$ 6
How far is the... $7\frac{1}{2}$ 8

Clue 5: Color the Backpacks

Answer the questions. Then, color the backpacks based on your answers.

How long are the boots? A. 2 $\frac{1}{2}$ in. color backpack red B. 2 in. color backpack green C. 2 $\frac{1}{2}$ in. color backpack yellow D. 3 in. color backpack blue
How long are the binoculars? A. 1 $\frac{1}{2}$ in. color backpack red B. 2 in. color backpack green C. 9 $\frac{1}{4}$ in. color backpack yellow D. 3 in. color backpack blue
How long is the flashlight? A. 2 $\frac{1}{2}$ in. color backpack red B. 3 $\frac{1}{2}$ in. color backpack green C. 3 $\frac{3}{4}$ in. color backpack yellow D. 4 in. color backpack blue
How long is the s'more? A. 4 $\frac{1}{2}$ in. color backpack red B. 9 $\frac{1}{4}$ in. color backpack green C. 3 $\frac{1}{2}$ in. color backpack yellow D. 3 $\frac{1}{4}$ in. color backpack blue



- | | | | |
|--|--|--|--|
| • 1 red backpack
• 1 green backpack
• 0 yellow backpacks
• 2 blue backpacks | • 2 red backpacks
• 1 green backpack
• 0 yellow backpacks
• 1 blue backpack | • 1 red backpack
• 1 green backpack
• 2 yellow backpacks
• 0 blue backpacks | • 0 red backpacks
• 2 green backpacks
• 2 yellow backpacks
• 0 blue backpacks |
|--|--|--|--|

Your friend is swimming at the lake. Your friend is in a boat. Your friend is at the canoe rental. Your friend is hiking on the nature trail.

solve the mystery



THE LIFETIME LEARNER
The Case of the Missing Camper

Where is Your Friend?

You're trying to find your best friend at camp. Solve the clues to figure out where they are right now.



Name: _____

THE LIFETIME LEARNER

Students complete a series of clues to figure out where the missing camper is!

HOW TO PLAY

What Happened?

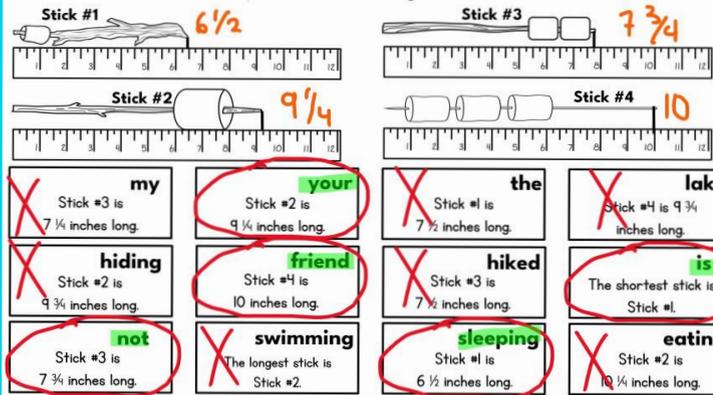
You and your best friend are finally at summer camp, but now, you don't know where your friend went. It's up to you to solve a set of clues to figure out where they are and solve the mystery!

1. Take a map of locations and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering where your friend is.
3. Cross out wrong locations each time you find out new information. Good luck!



Clue #1: Find It!

Look at how long the items are below. Then, circle the true statements at the bottom. Cross out the false ones. Read the words you circled from left to right like a book to solve the clue.



Write the phrase on the line. Cross the wrong place(s) off your list.

Your friend is not sleeping

Where is Your Friend?

You're trying to find your best friend at camp. Solve the clues to figure out where they are right now.



Name: _____

Each time students solve a clue, it will reveal what place to cross out.

When all clues are completed, the mystery of the missing camper will be solved!

SKILL PRACTICE

Clue #1: Find It!
Look at how long the items are below. Then, circle the true statements at the bottom. Cross out the false ones.
Read the words you circled from left to right like a book to solve the clue.

Stick #1 $6\frac{1}{2}$
Stick #2
Stick #3 $7\frac{3}{4}$

<input checked="" type="checkbox"/> my	Stick #3 is $9\frac{1}{4}$ inches long.
<input checked="" type="checkbox"/> hiding	Stick #2 is $9\frac{3}{4}$ inches long.
<input checked="" type="checkbox"/> not	Stick #3 is $7\frac{3}{4}$ inches long.

Write the phrase: **Your friend**

Clue #2: Descrambler
Match each letter with the measurement at the bottom. When the letters are unscrambled, they will make up the clue.

EL S K P T I R SO

Place the correct letter on top of each matching answer.

L I K E S P O R T S

Your friend does not... **CAMP**

$1\frac{1}{4}$ 8 $4\frac{1}{4}$ $3\frac{3}{4}$ $2\frac{3}{4}$ $5\frac{1}{2}$ $11\frac{1}{2}$ $9\frac{1}{4}$ $6\frac{3}{4}$ $10\frac{3}{4}$

(All measurements are in inches.)

Clue #3: Right or Wrong?
Use inches or feet to measure each object. Color each thumb in to show if you agree with each answer.

$8\frac{1}{2}$ in. $8\frac{1}{4}$
 $3\frac{3}{4}$ in.
 $9\frac{1}{4}$ in.

Give food. Give any food.

- Measure to the Nearest Quarter Inch
- Measure with Rulers
- Camper-Themed
- Error Analysis Practice

All clues focus on reviewing measurement

MULTIPLE VERSIONS

Print & Digital Forms

3 Clue Version

More green answers = Cross out the places that have food.
More red answers = Cross out the places that do NOT have any food.

5 Clue Version

- 1 red backpack
- 1 green backpack
- 0 yellow backpacks
- 2 blue backpacks
- 2 red backpacks
- 1 green backpack
- 0 yellow backpacks
- 1 blue backpack
- 1 red backpack
- 1 green backpack
- 2 yellow backpacks
- 0 blue backpacks
- 0 red backpacks
- 2 green backpacks
- 2 yellow backpacks
- 0 blue backpacks

Clue #2: Descrambler

Match each letter with the measurement at the bottom. When the letters are unscrambled, they will make up the clue.

Place the correct letter on top of each matching answer.

Your friend does not...

(All measurements are in inches.)

Clue #2: Descrambler

Match each letter with the measurement at the bottom. When the letters are unscrambled, they will make up the clue.

Place the correct letter on top of each matching answer.

Your friend does not...

(All measurements are in inches.)

Short & Long Options

2 MATH FACT OPTIONS!

Where is Your Friend?

You're trying to find your best friend at camp. Solve the clues to figure out where they are right now.

Write the answer in the box below.

Another camper tells you that your friend is near water.

Clue #1: Find It!

Solve each question. Circle the boxes that equal 16. Read the words you circled from left to right like a book to solve the clue.

8-7 15	4+12 16	8+6 14	2+5 7
hiding 8+9 17	friend 8+8 16	hiked 11+4 15	3 1
10+6 16	swimming 3+11 14	sleeping 9+7 16	11 1

Your friend is near water.

Clue #2: Descrambler

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

15-6 9 P	9-7 2 S	12-8 4 T	5-2 3 R
20-7 13 K	11-10 1 E	10-4 6 L	17-3 14 O
19-4 15 I	13-2 11 S		

Your friend is near water.

Clue #3: 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: N O T E A I N G

Someone tells you that your friend is near water.

Clue #4: The Tent

Put the correct answer in each box. Then, read what to do at the bottom.

6÷3 2	49÷7 7	90÷9 10	24÷6 4
55÷11 5	108÷12 9	77÷7 11	12÷4 3
5÷5 1	84÷7 12	54÷9 6	32÷4 8

Another camper tells you that your friend is near water.

Clue #5: Color the Backpacks

Solve each problem. Color the backpacks based on your answers.

What answer do you see the most? 6x4=24 5x5=25 3x8=24 2x2=24 A. 28 - color backpack red B. 25 - color backpack green C. 24 - color backpack yellow D. 20 - color backpack blue	What answer do you see the most? 25-5=5 50-10=5 20-5=4 45-9=5 A. 4 - color backpack red B. 5 - color backpack green C. 6 - color backpack yellow D. 7 - color backpack blue	What answer do you see the most? 4x0=0 9x4=36 3x2=36 6x6=36 A. 36 - color backpack red B. 35 - color backpack green C. 40 - color backpack yellow D. 32 - color backpack blue	What answer do you see the most? 81÷9=9 27÷3=9 108÷12=9 54÷9=6 A. 6 - color backpack red B. 8 - color backpack green C. 9 - color backpack yellow D. 7 - color backpack blue
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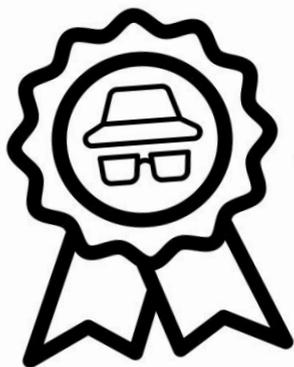
Your friend is near water.

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

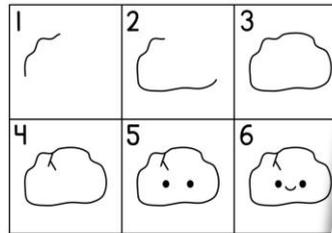
You solved the mystery!

11/2
Date

AW
Presented by:

LET'S DRAW...

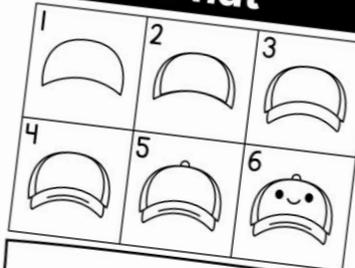
a rock



THE LIFETIME LEARNER

LET'S DRAW...

a hat



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: The Map

Cut out the ruler at the bottom. Use it to figure out how far it is from one place to the next.

How far is it from the deer to the waterfall?
 $9\frac{1}{2}$ $9\frac{1}{4}$ **9** $8\frac{3}{4}$

How far is it from the canoes to the paddles?
6 $6\frac{1}{2}$ **7** $7\frac{1}{2}$

How far is it from the camper to the fire pit?
8 $8\frac{1}{4}$ $8\frac{1}{2}$ $8\frac{3}{4}$

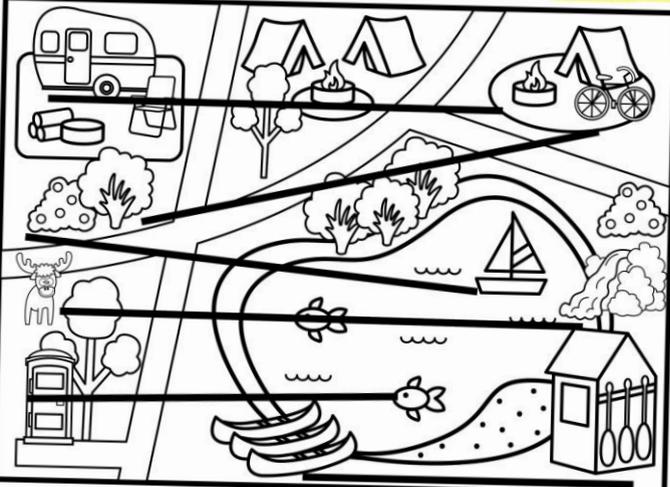
How far is it from the tree to the bike?
 $7\frac{1}{2}$ **8** $8\frac{1}{2}$ $8\frac{3}{4}$

How far is it from the restroom to the fish?
 $6\frac{1}{2}$ $6\frac{3}{4}$ **7** $7\frac{1}{2}$

How far is the bush to the boat?
 $7\frac{3}{4}$ **8** $8\frac{1}{4}$ $8\frac{1}{2}$

What answer do you see the most?

$9\frac{1}{2}$ = Cross out the nature trail. 6 = Cross out the canoe rental. $8\frac{1}{4}$ = Cross out nature trail and counselor cabin.
 $8\frac{1}{2}$ = Cross out the counselor cabin. $6\frac{3}{4}$ = Cross out the lake.



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: Find It!
Tell how many clouds long or tall each kite is. Circle the boxes that equal 4 units.
Read the words you circled from left to right like a book to solve the clue.

Clue #2: Descrambler
Tell how tall each tree is using the compasses. Then read the bottom.

Clue #3: Right or Wrong?
Count how long each s'more stick is using the chocolate. Color each thumb in to show if you agree with each answer.

Clue 4: The Map
Cut out the ruler at the bottom. Use it to figure out how far it is from one place to the next.
How far is it from the deer to the waterfall? What answer do you see the most?
1- Cross out the nature trail. 2- Cross out the lake. 3- Cross out the counselor cabin. 4- Cross out the canoe rental. 5- Cross out the nature trail and counselor cabin. 6- Cross out the lake.

Clue 5: Color the Backpacks
Answer the questions. Then, color the backpacks based on your answers.

How long are the boots?	How long are the binoculars?	How long is the flashlight?	How long is the s'more?
A. 2 1/4 in. color backpack red B. 2 in. color backpack green C. 2 1/2 in. color backpack yellow D. 3 in. color backpack blue	A. 1 1/2 in. color backpack red B. 2 in. color backpack green C. 4 1/2 in. color backpack yellow D. 10 in. color backpack blue	A. 2 1/2 in. color backpack red B. 3 1/2 in. color backpack green C. 3 3/4 in. color backpack yellow D. 4 in. color backpack blue	A. 4 1/2 in. color backpack red B. 2 in. color backpack green C. 3 1/2 in. color backpack yellow D. 3 1/4 in. color backpack blue

What color backpacks do you see? Find the key that matches for your next hint!

• 1 red backpack • 1 green backpack • 0 yellow backpacks • 2 blue backpacks	• 2 red backpacks • 1 green backpack • 0 yellow backpacks • 1 blue backpack	• 1 red backpack • 1 green backpack • 2 yellow backpacks • 0 blue backpacks	• 0 red backpacks • 2 green backpacks • 2 yellow backpacks • 0 blue backpacks
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Your friend is swimming at the lake.
Your friend is in a boat.
Your friend is at the canoe rental.
Your friend is hiking on the nature trail.

The Detective Agency sends congratulations to:

Lindsay

You solved the mystery!

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

LET'S DRAW... a rock

LET'S DRAW... a hat

Where is Your Friend?

You're trying to find your best friend at camp. Solve the clues to figure out where they are right now.

COUNSELOR CABIN MESS HALL CANOE RENTAL THE LAKE
NATURE TRAIL THE CAMPING GROUND S'MORE PIT ATHLETIC FIELD

Name: _____

solve the mystery

The Case of the Missing Camper

WHAT MAKES MATH MYSTERIES UNIQUE?

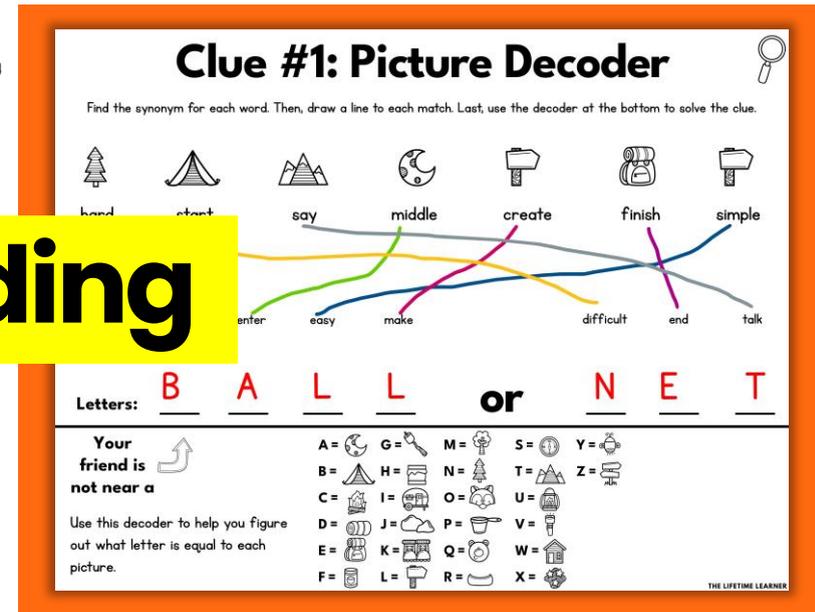
Math Mysteries aren't just a copy of Reading Mysteries!

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: Picture Decoder

Find the synonym for each word. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

hand start say middle create finish simple

enter easy make difficult end talk

Letters: B A L L or N E T

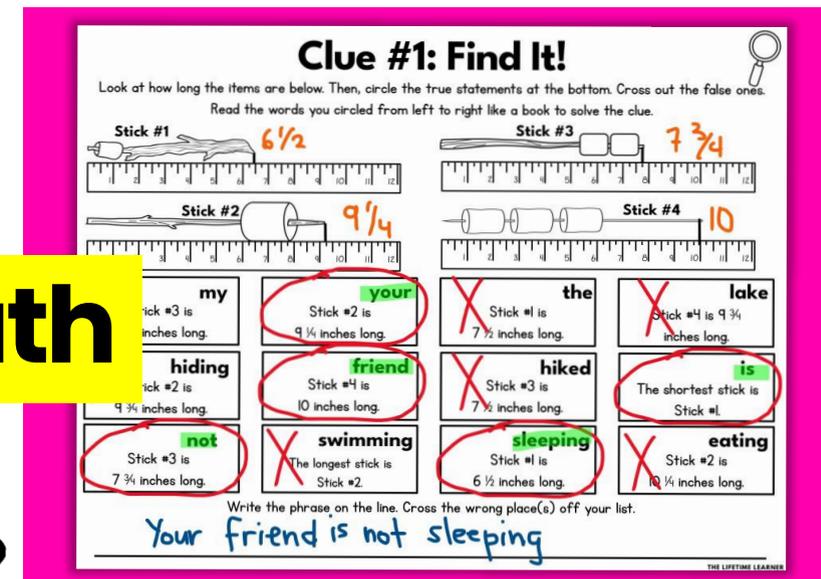
Your friend is not near a

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 =	

Example of Clue 1

Math



Clue #1: Find It!

Look at how long the items are below. Then, circle the true statements at the bottom. Cross out the false ones. Read the words you circled from left to right like a book to solve the clue.

Stick #1 $6\frac{1}{2}$ Stick #2 $9\frac{1}{4}$ Stick #3 $7\frac{3}{4}$ Stick #4 10

my	<input checked="" type="checkbox"/> your	<input checked="" type="checkbox"/> the	<input checked="" type="checkbox"/> lake
Stick #3 is 7 inches long.	Stick #2 is $9\frac{1}{4}$ inches long.	Stick #1 is $7\frac{1}{2}$ inches long.	Stick #4 is $9\frac{3}{4}$ inches long.
hiding	<input checked="" type="checkbox"/> friend	<input checked="" type="checkbox"/> hiked	<input checked="" type="checkbox"/> is
Stick #2 is $9\frac{1}{4}$ inches long.	Stick #4 is 10 inches long.	Stick #3 is $7\frac{1}{2}$ inches long.	The shortest stick is Stick #1.
<input checked="" type="checkbox"/> not	<input checked="" type="checkbox"/> swimming	<input checked="" type="checkbox"/> sleeping	<input checked="" type="checkbox"/> eating
Stick #3 is $7\frac{3}{4}$ inches long.	The longest stick is Stick #2.	Stick #1 is $6\frac{1}{2}$ inches long.	Stick #2 is $10\frac{1}{4}$ inches long.

Write the phrase on the line. Cross the wrong place(s) off your list.

Your friend is not sleeping

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!

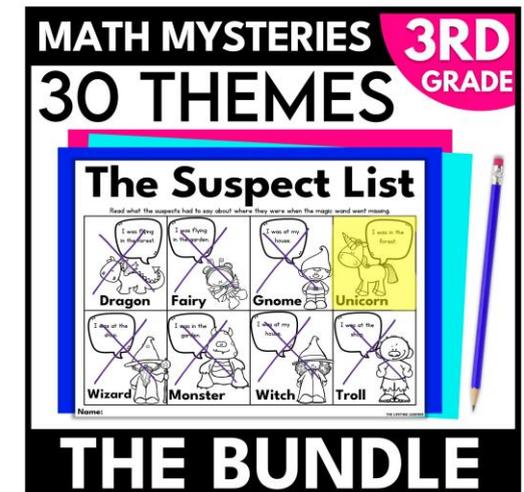


MORE **MATH MYSTERIES**:

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



**BUY A BUNDLE
TO SAVE BIG!**



THE BUNDLE