

# WHAT IS THIS?

**Clue #1: Descrambler**  
Find the area of each rectangle. When the letters are unscrambled, they will make up the clue.

**Clue #2: Color the Snowman**  
Find the perimeter of each rectangle below. Solve each question. Circle the right answer and color in the picture. Then read the bottom.

**Clue #3: The Snow Family**  
First, write the answer on each snowball. Then, read what to do in the box at the bottom.

**Clue #4: Snow Globe Sort**  
Write the answer on the bottom of each snow globe. Color the snow globe the same color as the snowflake they go with.

**Clue #5: Picture Decoder**  
Round to the nearest ten. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

**Which Snowman is Mine?**  
As you solve each clue, cross out the wrong answers. The snowman left at the end is the one I built!

**solve the mystery**

**The Case of the Winter Snowman**

**Both of my snowman's...**  
Use this decoder to help you figure out what letter is equal to each picture.

**THE LIFETIME LEARNER**

Students complete a series of clues to figure out which is the mystery snowman!

# HOW TO PLAY



## What Happened?

Lots of kids who live in the neighborhood built a snowman for everyone to see. Can you figure out which one I built? Solve the clues to figure out the mystery and reveal which snowman belongs to me!

1. Take a snowman list and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering which snowman is mine.
3. Cross out wrong snowmen each time you find out new information. Good luck!



THE LIFETIME LEARNER

## Clue #1: Descrambler

Find the area of each rectangle. When the letters are unscrambled, they will make up the clue.

 Area: 21 sq. ft. <b>L</b>	 Area: 36 sq. ft. <b>R</b>	 Area: 20 sq. ft. <b>E</b>
 Area: 40 sq. ft. <b>C</b>	 Area: 35 sq. ft. <b>I</b>	 Area: 24 sq. ft. <b>C</b>

Place the correct letter on top of each matching answer.

My snowman's body has at least one:

C I R C L E  
40 35 36 24 21 20

THE LIFETIME LEARNER

## Which Snowman is Mine?

As you solve each clue, cross out the wrong answers. The snowman left at the end is the one I built!

 <b>Snowman #1</b>	 <b>Snowman #2</b>	 <b>Snowman #3</b>	 <b>Snowman #4</b>
 <b>Snowman #5</b>	 <b>Snowman #6</b>	 <b>Snowman #7</b>	 <b>Snowman #8</b>

Name: \_\_\_\_\_

THE LIFETIME LEARNER

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



# SKILL PRACTICE

- Rounding
- Area
- Perimeter
- Missing Factors
- Addition & Subtraction
- Winter Themed!
- Error Analysis Practice

**Clue #1: Descrambler**  
Find the area of each rectangle. When the letters are unscrambled, they will make up the clue.

Area:  $3 \text{ ft} \times 7 \text{ ft} = 21 \text{ sq. ft}$  **L**

Area:  $5 \text{ ft} \times 8 \text{ ft} = 40 \text{ sq. ft}$  **C**

Place the correct letter in the box below.

My snowman has on a: **C I**

**Clue #2: Color the Snowman**  
Find the perimeter of each rectangle below.

A. 12 - red hat  
B. 20 - blue hat  
C. 22 - yellow hat  
D. 24 - green hat

A. 32 - blue scarf  
B. 16 - red scarf  
C. 24 - yellow scarf  
D. 64 - green scarf

A. 20 - red ice skates  
B. 22 - blue ice skates  
C. 24 - yellow ice skates  
D. 27 - green ice skates

A. 12 - red nose  
B. 13 - yellow nose  
C. 14 - blue nose  
D. 15 - green nose

A. 20 - red pond  
B. 22 - green pond  
C. 24 - yellow pond  
D. 26 - blue pond

A. 21 - yellow trees  
B. 22 - green trees  
C. 24 - red trees  
D. 25 - blue trees

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

Cross out Snowman #2 if he has:

- Green hat
- Blue scarf
- red ice skates
- yellow nose
- Blue pond
- Green trees

Cross out Snowman #3 if he has:

- blue hat
- green scarf
- Yellow ice skates
- Red nose
- Blue pond
- Green trees

Cross out Snowman #4 if he has:

- Green hat
- Blue scarf
- Yellow ice skates
- Red nose
- Blue pond
- Green trees

Cross out Snowman #6 if he has:

- Green hat
- Blue scarf
- Yellow ice skates
- Red nose
- green pond
- blue trees

**Clue #3: The Snow Family**  
Solve each question. Circle the right answer and color in the picture. Then read what to do in the box at the bottom.

hat:  $8 \times 3 = 24$

scarf:  $50 \div 5 = 10$

hat:  $60 \div 6 = 10$

scarf:  $72 \div 9 = 8$

an has on a:

**All clues focus on reviewing 3<sup>rd</sup> grade math skills!**

# MULTIPLE VERSIONS



## Print & Digital Forms

**Clue #1: Descrambler**  
Find the area of each rectangle. When the letters are unscrambled, they will make up the clue.

**Clue #2: Color the Snowman**  
Find the perimeter of each rectangle below.

**Clue #3: The Snow Family**  
First, write the answer on each snowball. Then, read what to do in the box at the bottom.

**3 Clue Version**

Cross out the boxes with the following answers:  
4, 9, 36, 8, 6, 3, 50, 72

What word is left? Write it on the line.  
My snowman has on a: hat

**Clue #1: Descrambler**  
Find the area of each rectangle. When the letters are unscrambled, they will make up the clue.

**Clue #2: Color the Snowman**  
Find the perimeter of each rectangle below.

**Clue #3: The Snow Family**  
First, write the answer on each snowball. Then, read what to do in the box at the bottom.

**Clue #4: Snow Globe Sort**  
Write the answer on the bottom of each snow globe. Color the snow globe the same color as the snowflake they go with.

**Clue #5: Picture Decoder**  
Round to the nearest ten. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

**5 Clue Version**

Answers: 7, 330, 950, 331, 954

Letters: U, P

Both of my snowman's...  
Use this decoder to help you figure out what letter is equal to each picture.

**Clue #1: Descrambler**  
Find the area of each rectangle. When the letters are unscrambled, they will make up the clue.

Area: 21 sq. ft. L, Area: 36 sq. ft. R, Area: 20 sq. ft. E

Area: 40 sq. ft. C, Area: 35 sq. ft. I, Area: 24 sq. ft. E

Place the correct letter on top of each matching answer.

My snowman's body has at least one: C I R C L E

**Clue #1: Descrambler**  
Find the area of each rectangle. When the letters are unscrambled, they will make up the clue.

Area: 21 sq. ft. L, Area: 36 sq. ft. R, Area: 20 sq. ft. E

Area: 40 sq. ft. C, Area: 35 sq. ft. I, Area: 24 sq. ft. E

Place the correct letter on top of each matching answer.

My snowman's body has at least one: C I R C L E

## Short & Long Options



# 2 MATH FACT OPTIONS!

**Which Snowman is Mine?**  
As you solve each clue, cross out the wrong answers. The snowman left at the end is the one I built!

Snowman #1	Snowman #2	Snowman #3	Snowman #4
Snowman #5	Snowman #6	Snowman #7	Snowman #8

Name: \_\_\_\_\_

**Clue #1: Descrambler**  
Solve each question. When the letters are unscrambled, they will make up the clue.

$5+6$ 11		$4+12$ 16		$3+7$ 10	
$6+1$ 7		$5+3$ 8		$10+4$ 14	

Place the correct letter in the box.

**Clue #2: Color the Snowman**  
Solve each question. Circle the right answer and color in the picture. Then read the bottom.

$20-3$ A. 14 - red hat B. 15 - blue hat C. 16 - yellow hat D. 17 - green hat	$14-6$ A. 8 - blue scarf B. 7 - red scarf C. 9 - yellow scarf D. 6 - green scarf	$9-4$ A. 7 - red ice skates B. 6 - blue ice skates C. 5 - yellow ice skates D. 4 - green ice skates
$15-7$ A. 8 - red nose B. 9 - yellow nose C. 10 - blue nose D. 11 - green nose	$4-2$ A. 0 - red pond B. 3 - green pond C. 1 - yellow pond D. 2 - blue pond	$11-9$ A. 1 - yellow trees B. 2 - green trees C. 3 - red trees D. 4 - blue trees

**Clue #3: The Snow Family**  
First, write the answer on each snowball. Then, read what to do in the box at the bottom.

 scarf $7 \times 7$ 14 hat $12 \div 4$ 3 scarf $9 \times 6$ 54 hat $15 \div 3$ 5	 hat $1 \times 3$ 3 scarf $5 \times 11$ 55 hat $3 \times 4$ 12 scarf $17 \div 1$ 17	 scarf $7 \times 2$ 14 hat $1 \times 7$ 7 scarf $6 \times 4$ 24 hat $10 \div 2$ 5
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**Clue #4: Snow Globe Sort**  
Write the answer on the bottom of each snow globe. Color the snow globe the same color as the snowflake they go with.

$40 \div 5 =$ 8	$24 \div 8 =$ 3	$16 \div 4 =$ 4	$27 \div 9 =$ 3	$15 \div 3 =$ 5
$8 \div 8 =$ 1	$36 \div 6 =$ 6	$63 \div 9 =$ 7	$20 \div 10 =$ 2	$42 \div 6 =$ 7

**Clue #5: Picture Decoder**  
Find each answer. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

10	32	6	30	14	9	48	4	7
Answers: $6$	$10$	$32$	$9$	$30$	$4$	$14$	$7$	$48$
$2 \times 3$	$90 \div 9$	$4 \times 8$	$81 \div 9$	$5 \times 6$	$12 \div 3$	$7 \times 2$	$35 \div 5$	$6 \times 8$
Letters: A	R	M	S	A	R	E	U	P

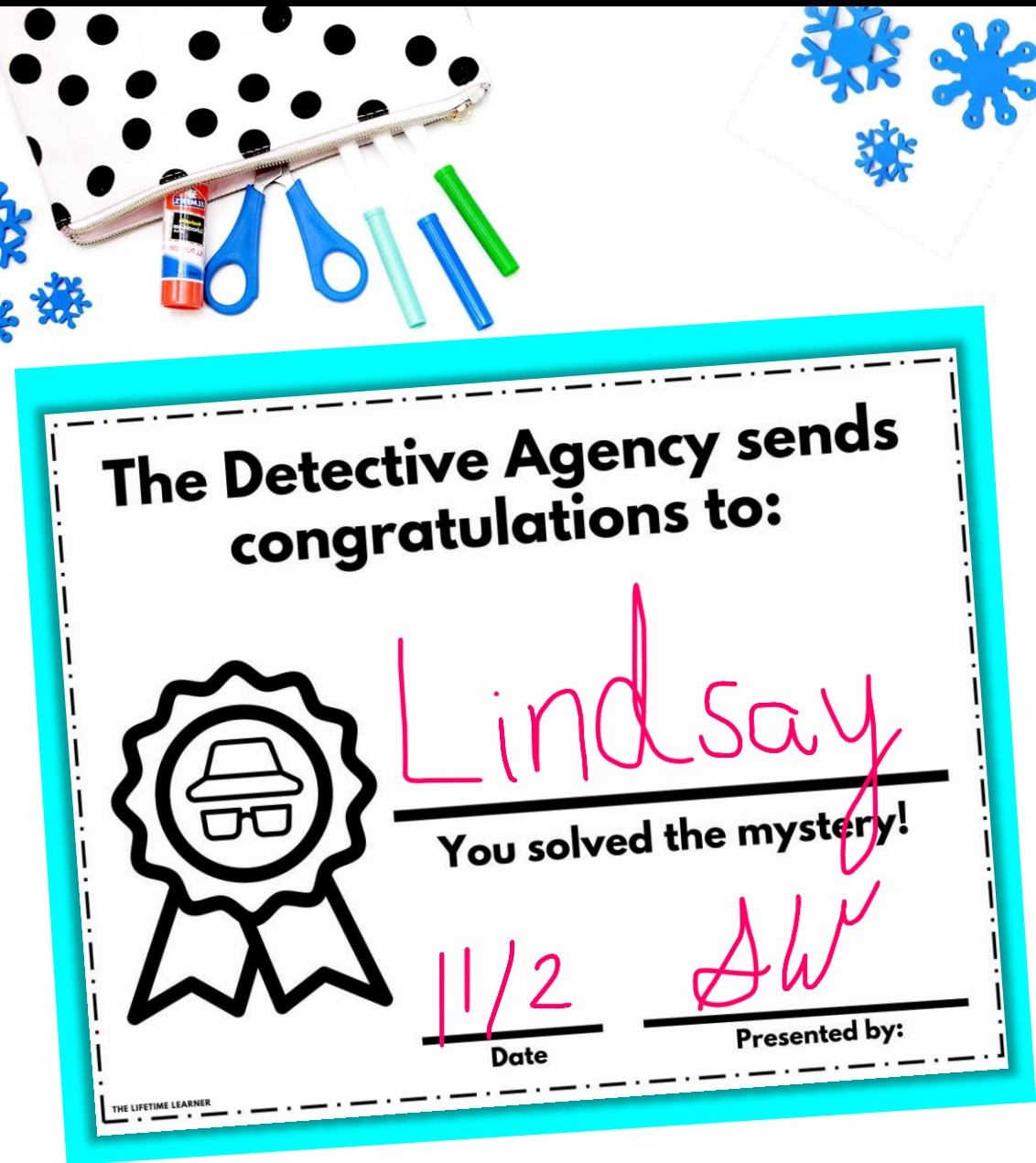
**Both of my snowman's...**  
Use this decoder to help you figure out what letter is equal to each picture.

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 =	

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

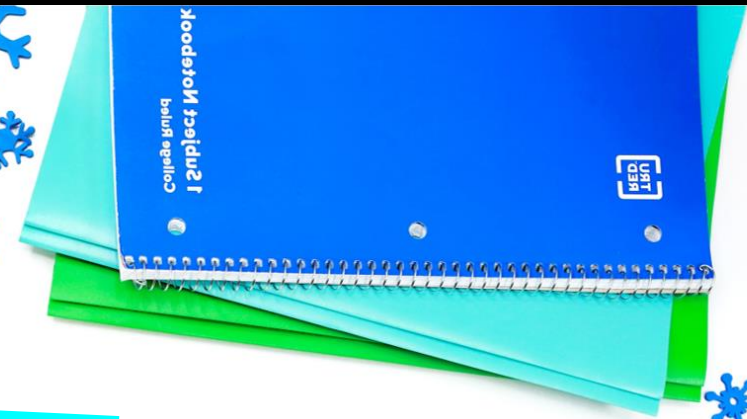
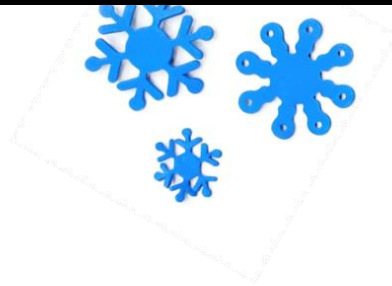


If students finish early, give them a certificate of completion and a directed drawing to complete while others continue working.





# 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: Snow Globe Sort**

Write the answer on the bottom of each snow globe. Color the snow globe the same color as the snowflake they go with.

Snowflake	Math Problem	Answer	Color
619 (gray)	$327 + 295$	622	Gray
620 (purple)	$408 + 212$	620	Purple
621 (light blue)	$232 + 388$	620	Light Blue
622 (dark blue)	$506 + 114$	620	Dark Blue
	$433 + 188$	621	Light Blue
	$900 - 281$	619	Gray
	$877 - 256$	621	Light Blue
	$849 - 227$	622	Dark Blue
	$995 - 376$	619	Gray
	$738 - 116$	622	Dark Blue

Then, find the correct key at the bottom to solve the clue!

Clue	Options
Cross out snowmen with scarfs if there are:	<ul style="list-style-type: none"><li>• 3 gray globes</li><li>• 2 light blue globes</li><li>• 3 dark blue globes</li><li>• 2 purple globes</li></ul>
Cross out snowmen with NO scarf if there are:	<ul style="list-style-type: none"><li>• 2 gray globes</li><li>• 2 light blue globes</li><li>• 3 dark blue globes</li><li>• 3 purple globes</li></ul>
Cross out snowmen with 1 arm if there are:	<ul style="list-style-type: none"><li>• 2 gray globes</li><li>• 3 light blue globes</li><li>• 2 dark blue globes</li><li>• 3 purple globes</li></ul>
Cross out snowmen with 2 arms if there are:	<ul style="list-style-type: none"><li>• 3 gray globes</li><li>• 3 light blue globes</li><li>• 2 dark blue globes</li><li>• 2 purple globes</li></ul>

THE LIFETIME LEARNER

In 3<sup>rd</sup> 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: Descrambler**  
Solve each question. When the letters are unscrambled, they will make up the clue.

**Clue #2: Color the Snowman**  
Find the perimeter of each rectangle below.

10 cm  
2 cm  
8 cm  
9 cm

A 12 - red hat  
A 32 - blue scarf  
A 20 - red ice skates

**Clue #3: The Snow Family**  
First, write the answer on each snowball. Then, read what to do in the box at the bottom.

**Clue #4: Snow Globe Sort**  
What number is shown in each snow globe? Write it on the bottom.  
Color the snow globe the same color as the snowflake they go with.

**Clue #5: Picture Decoder**  
Round to the nearest ten. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Answers: 720 460 590 220 700 140 830 330 950  
Letters: A R M S A R E U P

Both of my snowman's...

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

The Detective Agency sends congratulations to:

**Lindsay**

You solved the mystery!

11/2 Date  
AW Presented by:

LET'S DRAW...  
a jacket

1 2 3  
4 5 6

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LET'S DRAW...  
a penguin

1 2 3  
4 5 6

THE LIFETIME LEARNER

**Which Snowman is Mine?**

As you solve each clue, cross out the wrong answers. The snowman left at the end is the one I built!

Snowman #1 Snowman #2 Snowman #3 Snowman #4  
Snowman #5 Snowman #6 Snowman #7 Snowman #8

Name:

**solve the mystery**

THE LIFETIME LEARNER

**The Case of the Winter Snowman**



# 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: Fill in the Blank**

calmer	warmest	thickest	stronger	fancier	prouder
longest	sickest	heavier	fluffiest	steepest	sweeter
		hungrier	colder	easiest	bigger

Word: \_\_\_\_\_

Word: \_\_\_\_\_

Word: \_\_\_\_\_

Word: \_\_\_\_\_

Word: \_\_\_\_\_

Word: \_\_\_\_\_

When you are done, read the words in order from top to bottom in each row to figure out the clue.

Example  
of Clue 1

Math

**Clue #1: Descrambler**

Find the area of each rectangle. When the letters are unscrambled, they will make up the clue.

7 ft 3 ft Area: 21 sq. ft L	4 ft 3 ft Area: 12 sq. ft R	10 ft 2 ft Area: 20 sq. ft E
4 ft 5 ft Area: 20 sq. ft C	7 ft 5 ft Area: 35 sq. ft I	6 ft 4 ft Area: 24 sq. ft C

Place the correct letter on top of each matching answer.

My snowman's body has at least one:

C	I	R	C	L	E
40	35	36	24	21	20

# 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!**

