



The Case of the Lost Ice Skates

A LITERACY AND MATH MYSTERY



Zara was so excited for her big ice skating competition today. She had been practicing diligently for weeks! But when she went to put on her special skates, she was dismayed to find that they were gone from her locker! "Oh no!" Zara cried. "Where could my skates be?" Without them, she wouldn't be able to compete! Zara needs your help to find out who took her ice skates and where the ice skates have been hidden!

Zara needs a math detective to find out:

- **Who took the pair of ice skates?** Tell time to reveal the thief! Paste your answer in the box in the case file.
- **Where are the ice skates hidden?** Solve the missing number problems to reveal a secret message and find the location of the star. Paste your answer in the box in the case file.

Solve the mystery - Paste all the correct answers in the clue boxes.



Who?



Where?





The Case of the Lost Ice Skates CASE FILE

MATH MYSTERY ANSWER SHEET



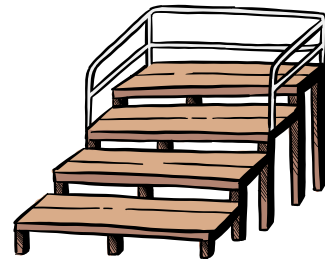
INSTRUCTIONS:

Paste your cut outs from each clue into the empty spaces below.
Each clue will tell you which question is answered from the mystery.
Show your teacher your case file once all the squares have been filled in.



Who
TOOK THE
ICE SKATES?

Where
ARE THE
SKATES
HIDDEN?



TEACHER CHECK:

- ☐ All answers are correct. **You've solved the mystery!**
- ☐ Check your answers! Look over each clue and try again.



The Case of the Lost Ice Skates

A LITERACY AND MATH MYSTERY



Zara was so excited for her big skating competition today. She had been practicing her routine for weeks! But when she went to grab her special ice skates, they were gone. “Oh no!” Zara cried. “Where could my skates be?” Without them, she wouldn’t be able to compete in the big event and show off her skating routine!

Three kids were seen near the skating rink earlier: Nico, who was sipping hot chocolate by the snack stand; Rebekah, who was building a small snow fort nearby; and Chris, who was playing hide-and-seek near the bleachers.

The thief could have stashed the ice skates in one of three places: in the warming hut, where skaters go to warm up; by the hot chocolate stand, where everyone stops for a sweet treat; or under the bleachers, where kids sometimes leave their bags and gear. Can you solve the math problems and help Zara figure out who has her skates and where they are hidden? The competition is about to start—help Zara find her skates and save the day!



Who?



Where?





The Case of the Lost Ice Skates Clue #1



WHO TOOK THE SKATES?

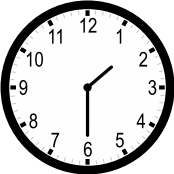
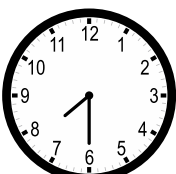
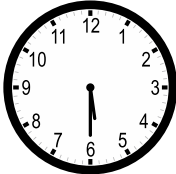
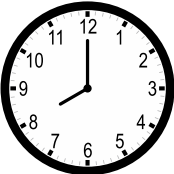
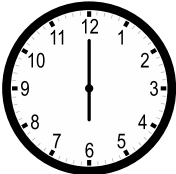
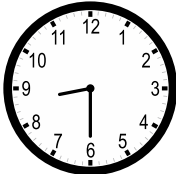
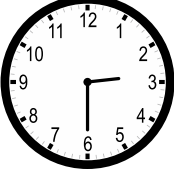
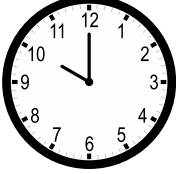
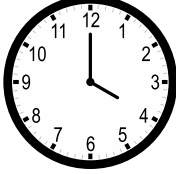
INSTRUCTIONS:

Let's read time! Look carefully at the minute and hour hands on each clock and write the time on the line. Then color the grid and reveal who took the skates. The color most colored will uncover the clue.

Time: 12:00 - 4:00
Color **YELLOW**

Time: 4:01 - 8:00
Color **PURPLE**

Time: 8:01-11:59
Color **ORANGE**

 _____	 _____	 _____
 _____	 _____	 _____
 _____	 _____	 _____

CCSS.MATH.CONTENT.1.MD.B.3



MOSTLY **YELLOW**

MOSTLY **PURPLE**

MOSTLY **ORANGE**

Who

NICO

Who

REBEKAH

Who

CHRIS



The Case of the Lost Ice Skates Clue #2

WHERE ARE THE SKATES HIDDEN?



INSTRUCTIONS:

Find the missing numbers for each subtraction problem to solve the clue! Each missing number represents a letter from the key below. Write in each letter to reveal the hiding place of Zara's ice skates! Some letters have already been filled in for you.

,

$$\begin{array}{ccccccc} \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} \\ 6 - _ = 5 & 8 - _ = 8 & 4 - _ = 0 & _ - 2 = 6 & 4 - _ = 2 & 10 - _ = 6 & \end{array}$$

$$\underline{\quad} \text{ N } \underline{\quad} - 0 = 5$$

$$\begin{array}{ccccccc} \underline{\quad} & \underline{\quad} & \underline{\quad} & \text{ M } & \underline{\quad} & \text{ N } & \underline{\quad} \\ 10 - _ = 1 & _ - 1 = 2 & 9 - _ = 7 & & 8 - _ = 3 & & _ - 1 = 5 \end{array}$$

$$\begin{array}{ccc} \underline{\quad} & \underline{\quad} & \underline{\quad} \\ 0 - _ = 0 & _ - 4 = 3 & 9 - _ = 8 \end{array}$$

Y	W	T	R	U	H	I	A	E	G
8	9	1	2	7	0	5	3	4	6



Where
WARMING
HUT

Where
HOT
CHOCOLATE
STAND

Where
BLEACHERS



The Case of the Lost Ice Skates CASE FILE

MATH MYSTERY ANSWER SHEET



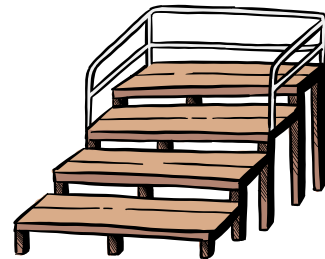
INSTRUCTIONS:

Paste your cut outs from each clue into the empty spaces below.
Each clue will tell you which question is answered from the mystery.
Show your teacher your case file once all the squares have been filled in.



Who
REBEKAH

Where
WARMING
HUT



TEACHER CHECK:



☒ All answers are correct. **You've solved the mystery!**



☐ Check your answers! Look over each clue and try again.



The Case of the Lost Ice Skates Clue #1



WHO TOOK THE SKATES?










INSTRUCTIONS:

Let's read time! Look carefully at the minute and hour hands on each clock and write the time on the line. Then color the grid and reveal who took the skates. The color most colored will uncover the clue.

Time: 12:00 - 4:00
Color **YELLOW**

Time: 4:01 - 8:00
Color **PURPLE**

Time: 8:01-11:59
Color **ORANGE**

 <u>1:30</u>	 <u>7:30</u>	 <u>5:30</u>
 <u>8:00</u>	 <u>6:00</u>	 <u>8:30</u>
 <u>2:30</u>	 <u>10:00</u>	 <u>4:00</u>

CCSS.MATH.CONTENT.1.MD.B.3



MOSTLY **YELLOW**

MOSTLY **PURPLE**

MOSTLY **ORANGE**

Who
NICO

✓ Who
REBEKAH

Who
CHRIS



The Case of the Lost Ice Skates Clue #2



WHERE ARE THE SKATES HIDDEN?

INSTRUCTIONS:

Find the missing numbers for each subtraction problem to solve the clue! Each missing number represents a letter from the key below. Write in each letter to reveal the hiding place of Zara's ice skates! Some letters have already been filled in for you.

<u>T</u>	<u>H</u>	<u>E</u>	<u>Y</u>	<u>'</u>	<u>R</u>	<u>E</u>	<u>I</u>	<u>N</u>
$6 - 1 = 5$	$8 - 0 = 8$	$4 - 4 = 0$	$8 - 2 = 6$	$4 - 2 = 2$	$10 - 4 = 6$		$5 - 0 = 5$	

<u>W</u>	<u>A</u>	<u>R</u>	<u>M</u>	<u>I</u>	<u>N</u>	<u>G</u>
$10 - 9 = 1$	$3 - 1 = 2$	$9 - 2 = 7$		$8 - 5 = 3$		$6 - 1 = 5$

<u>H</u>	<u>U</u>	<u>T</u>
$0 - 0 = 0$	$7 - 4 = 3$	$9 - 1 = 8$

Y	W	T	R	U	H	I	A	E	G
8	9	1	2	7	0	5	3	4	6



Where
WARMING
HUT

Where
HOT
CHOCOLATE
STAND

Where
BLEACHERS