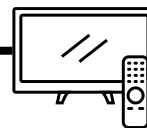




# The Case of the Missing TV Remote

## A LITERACY AND MATH MYSTERY



It was New Year's Eve, and Arun's family gathered to watch the big countdown to the New Year on the TV. However, when Arun reached for the remote, he was surprised to find that it was gone! Someone must have taken the remote, but why did they take it? Also, where did they hide it? Arun needs a math detective to solve this mystery before midnight—are you ready to help?

### Arun needs a math detective to find out:

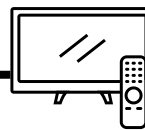
- **Who took the TV remote?** Work with place value to reveal the thief! Paste your answer in the box in the case file.
- **Why did they take the TV remote?** Skip count and fill in the missing numbers to reveal why the remote was taken. Paste your answer in the box in the case file.
- **Where is the remote hidden?** Find area to reveal the current location of the TV remote. Paste your final answer in the box in the case file.

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





# The Case of the Missing TV Remote CASE FILE



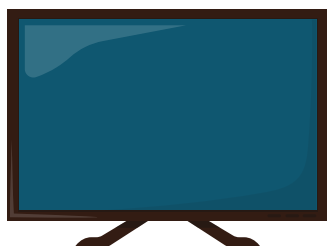
## MATH MYSTERY ANSWER SHEET

### 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  
REMOTE?

**Why**  
DID THEY  
TAKE THE  
REMOTE?



**Where**  
IS THE  
REMOTE  
HIDDEN?



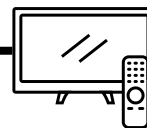
### TEACHER CHECK:

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



# The Case of the Missing TV Remote

## A LITERACY AND MATH MYSTERY



It was New Year's Eve, and Arun's family was excited to watch the big countdown on TV. They had snacks ready, sparkling juice poured, and cozy blankets on the couch. But when they reached for the remote to turn the TV on, they couldn't find it anywhere! The family searched under the couch cushions, behind the pillows, and even in the kitchen, but it was to no avail. With the clock ticking closer to midnight, Arun realized they needed a math detective to solve the case and bring back the remote in time.

There are three possible suspects: Arun's little sister, Meena, who was last seen playing with the remote; Cousin Raj, who had been lounging on the couch all evening; and the family cat, Kiran, who had been prowling near the blankets. As for why someone might have taken the remote, there are three possibilities: it was hidden to be part of a scavenger hunt game, it was accidentally knocked under something, or it was all a big prank. Finally, there are three possible hiding spots: under the couch, inside the basket of toys, or behind the TV stand.

Arun needs your help, math detective, to figure out who took the remote, why they took it, and where they hid it. By solving the math problems, you'll uncover the clues needed to crack the case and save the New Year's countdown. Are you ready to solve the mystery before midnight strikes?



Who?



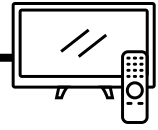
Why?



Where?



## The Case of the Missing TV Remote Clue #1



### WHO TOOK THE REMOTE?

#### INSTRUCTIONS:

Identify and write the value of the underlined digit in each number. The first one is done for you as an example. Then color in each box according to the color key below. The color most colored will reveal the answer.

Numbers 1-1,000

Color **YELLOW**

Numbers 1,001-2,000

Color **PURPLE**

Numbers 2,001-3,000

Color **ORANGE**

<b>2,326</b> <b><u>2</u>,000</b>	<b>5,8<u>9</u>2</b> _____	<b>6,04<u>2</u></b> _____
<b>7,<u>4</u>15</b> _____	<b><u>3</u>,214</b> _____	<b>4,2<u>4</u>1</b> _____
<b>5,<u>6</u>42</b> _____	<b>2,7<u>1</u>5</b> _____	<b>9,2<u>3</u>7</b> _____

CCSS.MATH.CONTENT.3.NBT.A.2



MOSTLY **YELLOW**

MOSTLY **PURPLE**

MOSTLY **ORANGE**

**Who**

MEENA

**Who**

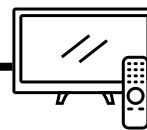
COUSIN  
RAJ

**Who**

KIRAN, THE  
CAT



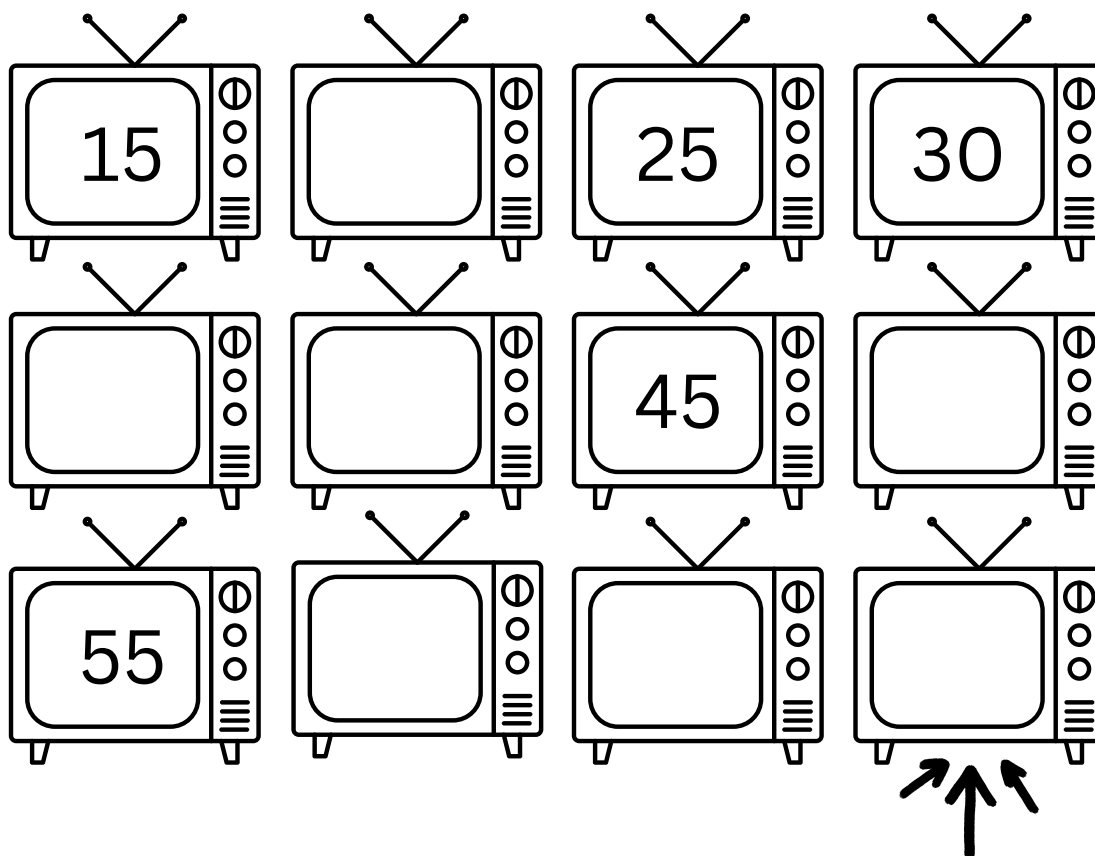
## The Case of the Missing TV Remote Clue #2



### WHY DID THEY TAKE THE REMOTE?

#### INSTRUCTIONS:

Let's skip count by 5's! Fill in the missing numbers. The number that belongs to the LAST TV will reveal the clue!



LAST NUMBER IS 65

**Why**  
IT WAS MEANT  
TO BE PART  
OF A GAME

LAST NUMBER IS 70

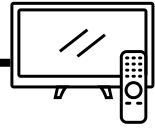
**Why**  
IT WAS AN  
ACCIDENT

LAST NUMBER IS 75

**Why**  
IT WAS A  
PRANK



# The Case of the Missing TV Remote Clue #3



## WHERE IS THE REMOTE HIDDEN?

### INSTRUCTIONS:

Solve the area word problems to color the grid and reveal the location of the remote. The color most colored will reveal the answer.

Area: 1-20 units  
Color **YELLOW**

Area: 21-40 units  
Color **PURPLE**

Area: 41-60 units  
Color **ORANGE**

<p>Alan wants to plant flowers in his rectangular garden. The garden is 6 feet long and 4 feet wide. What is the area of Alan's garden?</p> <p>_____</p>	<p>Natasha bought a new rectangular rug for her bedroom. It is 5 feet long and 3 feet wide. What is the area of the rug?</p> <p>_____</p>	<p>The classroom whiteboard is 8 feet long and 2 feet wide. What is the area of the whiteboard?</p> <p>_____</p>
<p>Shannon's desk measures 3 feet long and 4 feet wide. What is the area of Shannon's desk?</p> <p>_____</p>	<p>A section of a soccer field measures 10 meters long and 6 meters wide. What is the area of this section of the field?</p> <p>_____</p>	<p>An artist is painting on a rectangular canvas that is 9 inches long and 4 inches wide. What is the area of the canvas?</p> <p>_____</p>
<p>A dog bed measures 5 feet long and 2 feet wide. What is the area of the dog bed?</p> <p>_____</p>	<p>A window pane is 3 feet long and 2 feet wide. What is the area of the window pane?</p> <p>_____</p>	<p>A rectangular kitchen table is 5 feet long and 4 feet wide. What is the area of the table?</p> <p>_____</p>



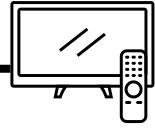
**Where**  
UNDER THE  
COUCH

**Where**  
IN THE  
BASKET OF  
TOYS

**Where**  
BEHIND THE  
TV STAND



## The Case of the Missing TV Remote CASE FILE



### MATH MYSTERY ANSWER SHEET

#### INSTRUCTIONS:

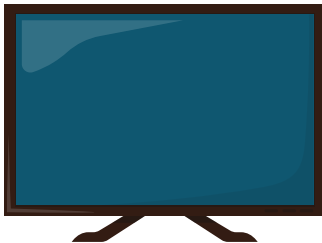
Paste your cut outs from each clue into the empty spaces below.  
Each clue will tell you which question is answered from the mystery.  
Show your teacher your case file once all the squares have been filled in.

Who

MEENA

Why

IT WAS AN  
ACCIDENT



Where

UNDER THE  
COUCH



#### TEACHER CHECK:



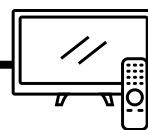
☒ All answers are correct. **You've solved the mystery!**



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



## The Case of the Missing TV Remote Clue #1



### WHO TOOK THE REMOTE?

#### INSTRUCTIONS:

Identify and write the value of the underlined digit in each number. The first one is done for you as an example. Then color in each box according to the color key below. The color most colored will reveal the answer.

Numbers 1-1,000

Color **YELLOW**

Numbers 1,001-2,000

Color **PURPLE**

Numbers 2,001-3,000

Color **ORANGE**

2, <u>3</u> 26 <u>2,000</u>	5,8 <u>9</u> 2 <u>90</u>	6,04 <u>2</u> <u>2</u>
7, <u>4</u> 15 <u>400</u>	<u>3</u> ,214 <u>3,000</u>	4,2 <u>4</u> 1 <u>40</u>
5,6 <u>4</u> 2 <u>600</u>	2,7 <u>1</u> 5 <u>10</u>	9,2 <u>3</u> 7 <u>30</u>

CCSS.MATH.CONTENT.3.NBT.A.2



MOSTLY **YELLOW**

MOSTLY **PURPLE**

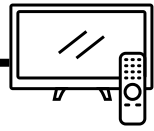
MOSTLY **ORANGE**







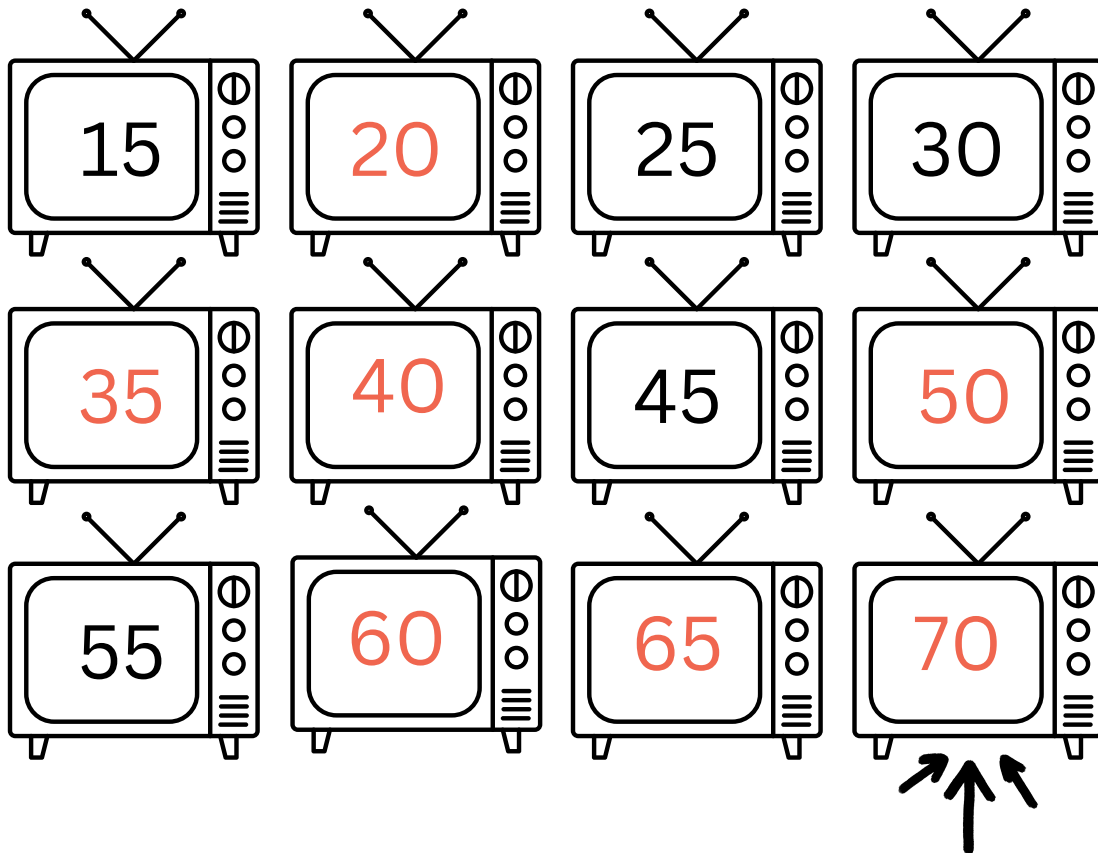
## The Case of the Missing TV Remote Clue #2



### WHY DID THEY TAKE THE REMOTE?

#### INSTRUCTIONS:

Let's skip count by 5's! Fill in the missing numbers. The number that belongs to the LAST TV will reveal the clue!



LAST NUMBER IS 65

Why

IT WAS MEANT  
TO BE PART  
OF A GAME

LAST NUMBER IS 70

Why

IT WAS AN  
ACCIDENT

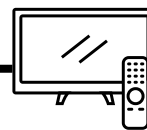
LAST NUMBER IS 75

Why

IT WAS A  
PRANK



## The Case of the Missing TV Remote Clue #3



### WHERE IS THE REMOTE HIDDEN?

#### INSTRUCTIONS:

Solve the area word problems to color the grid and reveal the location of the remote. The color most colored will reveal the answer.

Area 1-20 units

Color **YELLOW**

Area 21-40 units

Color **PURPLE**

Area 41-60 units

Color **ORANGE**

<p>Alan wants to plant flowers in his rectangular garden. The garden is 6 feet long and 4 feet wide. What is the area of Alan's garden?</p> <p><b>24 ft</b></p>	<p>Natasha bought a new rectangular rug for her bedroom. It is 5 feet long and 3 feet wide. What is the area of the rug?</p> <p><b>15 ft</b></p>	<p>The classroom whiteboard is 8 feet long and 2 feet wide. What is the area of the whiteboard?</p> <p><b>16 ft</b></p>
<p>Shannon's desk measures 3 feet long and 4 feet wide. What is the area of Shannon's desk?</p> <p><b>12 ft</b></p>	<p>A section of a soccer field measures 10 meters long and 6 meters wide. What is the area of this section of the field?</p> <p><b>60 m</b></p>	<p>An artist is painting on a rectangular canvas that is 9 inches long and 4 inches wide. What is the area of the canvas?</p> <p><b>36 in</b></p>
<p>A dog bed measures 5 feet long and 2 feet wide. What is the area of the dog bed?</p> <p><b>10 ft</b></p>	<p>A window pane is 3 feet long and 2 feet wide. What is the area of the window pane?</p> <p><b>6 ft</b></p>	<p>A rectangular kitchen table is 5 feet long and 4 feet wide. What is the area of the table?</p> <p><b>20 ft</b></p>



**Where**  
UNDER THE  
COUCH

**Where**  
IN THE  
BASKET OF  
TOYS

**Where**  
BEHIND THE  
TV STAND