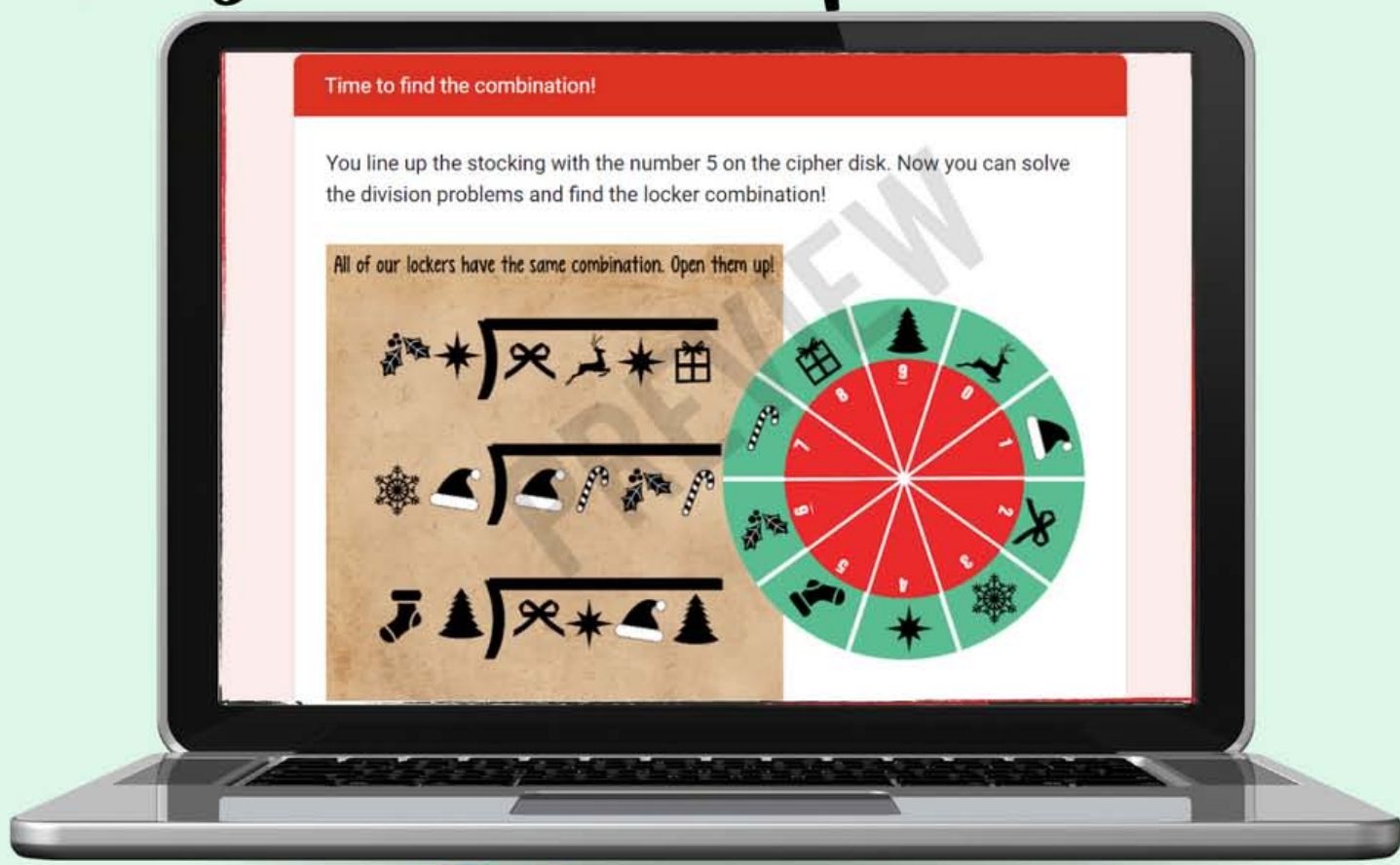




5th  
Grade  
Math

# The Rogue Reindeer Digital Escape Room



# Standards

5.NBT.B.6

5.NBT.B.7

5.NF.A.1

## 5th Grade Math Skills

- Dividing 4 digit numbers by 2 digit numbers
- Adding, subtracting, and multiplying decimals
- Adding fractions with unlike denominators

# Fast Facts

 No prep, click & go! \*Optional printable supplements

 Escape Time ~45 minutes

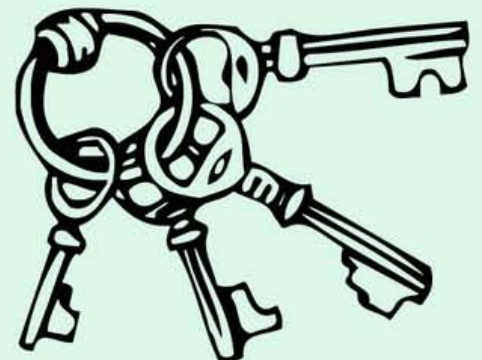
 Use individually or in small groups

 Requires internet connected device

 Self-Checking

 Virtual or in-person

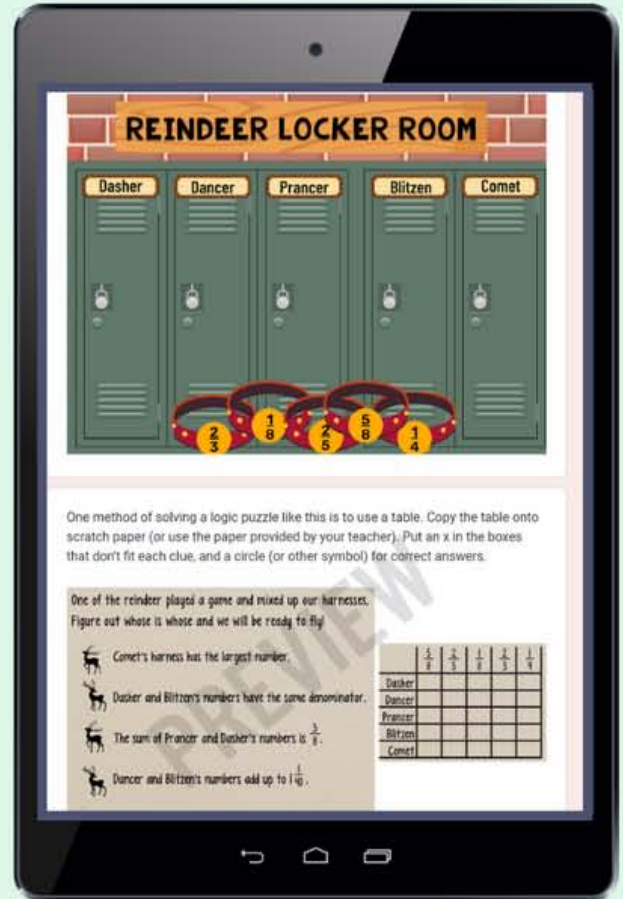
 Four+ Engaging Puzzles





# How it Works:

- The escape room is automated by a Google Form™ (Google™ accounts are not required).
- Use the quick start link to click & go, or create a copy of the form to save to your drive (the teacher must have a Google Account to save a copy).
- Students only progress through the puzzles when correct answers are entered.
- The form provides hints if students enter incorrect answers.





# Puzzle Preview

'Twas time to ready the sleigh  
and all through the North Pole  
Not a reindeer could be found  
For that was their goal.

Their hoofprints could be seen  
In the freshly fallen snow,  
Then the tracks disappeared,  
Which way did they go?

Santa shook his head  
and the elves all shivered.  
Without the reindeer  
how could presents be delivered?



Then a young elf called  
and the others ran to see.

**1** Guess which gift is Santa's:  
Multiply two and five-tenths by  
ninety-eight and eight-tenths.



**3** An elf made 147.8 ounces of  
hot chocolate. 123.17 ounces  
spilled. She made another  
232.37 ounces. How many

**2** 7,626 pounds of carrots were  
shared equally between 31  
reindeer. How many pounds did  
each reindeer get?

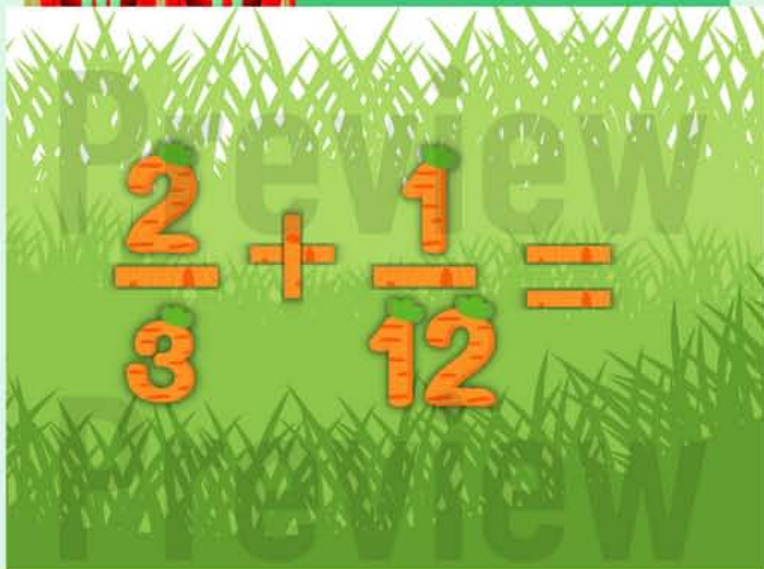


**4** 3,168 ornaments were divided  
evenly between 12 trees. How  
many ornaments were on  
each tree?



Down you go,  
but which floor to choose?  
Add, reduce (if needed),  
and you can't lose.

$$\frac{3}{8} + \frac{1}{6} =$$





# Puzzle Preview

All of our lockers have the same combination. Open them up!



One of the reindeer played a game and mixed up our harnesses. Figure out whose is whose and we will be ready to fly!



Comet's harness has the largest number.



Dasher and Blitzen's numbers have the same denominator.



The sum of Prancer and Dasher's numbers is  $\frac{7}{8}$ .



Dancer and Blitzen's numbers add to  $1\frac{1}{40}$ .



	$\frac{5}{8}$	$\frac{2}{5}$	$\frac{1}{8}$	$\frac{2}{3}$	$\frac{1}{4}$
Dasher					
Prancer					
Comet					
Blitzen					
Dancer					

# Optional Printable Supplements

## The Rogue Reindeer

Name: \_\_\_\_\_  
Use the space below to write equations, draw models, and solve problems.

### Puzzle 1: Four Letter Code

Letter:	Letter:	Letter:	Letter:

### Puzzle 2: Choose Your Floor

Choose a strategy to add the fractions!

--	--	--

### Puzzle 3: Use the Cipher, Rewrite, and Solve!

$\text{8} \times \text{2} = \text{16}$     
  $\text{3} \times \text{4} = \text{12}$     
  $\text{5} \times \text{6} = \text{30}$

### Puzzle 4: Reindeer Logic! Show your work in the blank space and use the grid to solve the puzzle!

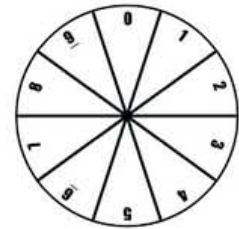
	$\frac{5}{8}$	$\frac{2}{5}$	$\frac{1}{8}$	$\frac{2}{3}$	$\frac{1}{4}$
Dasher					
Dancer					
Prancer					
Blitzen					
Comet					

## Optional printable cipher disk

### Directions:

Print one copy of this page on card stock for each group of students completing the escape room. Center the disk with the numbers on top of the disk with the symbols and insert a brass fastener (brad) through the center of the two disks. Students can use the cipher disk to decode a clue in the escape room.

Pass this out when the students open the box and find the cipher disk.



I WON THE  
REINDEER'S  
GAME!

The Great  
CLASSROOM  
ESCAPE

CHRISTMAS  
IS SAVED!

The Great  
CLASSROOM  
ESCAPE

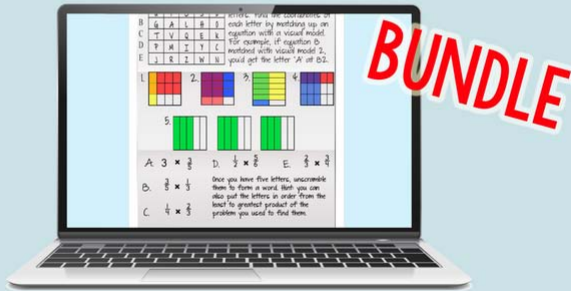




# You May Also Like

## The Great CLASSROOM ESCAPE

Operations with Fractions  
DIGITAL ESCAPE ROOM!

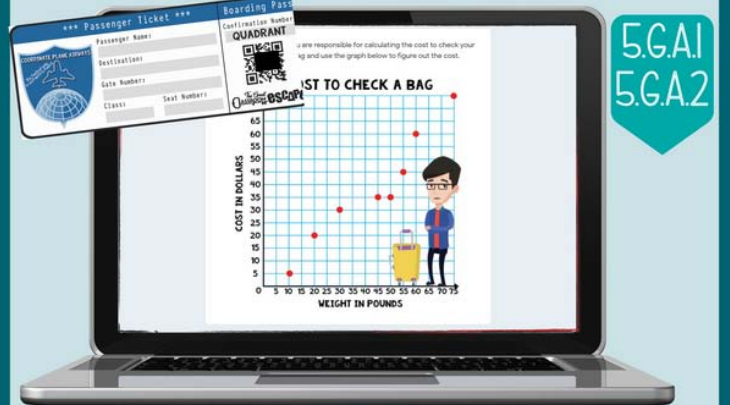


5TH GRADE MATH CONTENT

Numbers & Operations - Fractions Standards  
Easy to implement! Automated by Google Forms™!

## The Great CLASSROOM ESCAPE

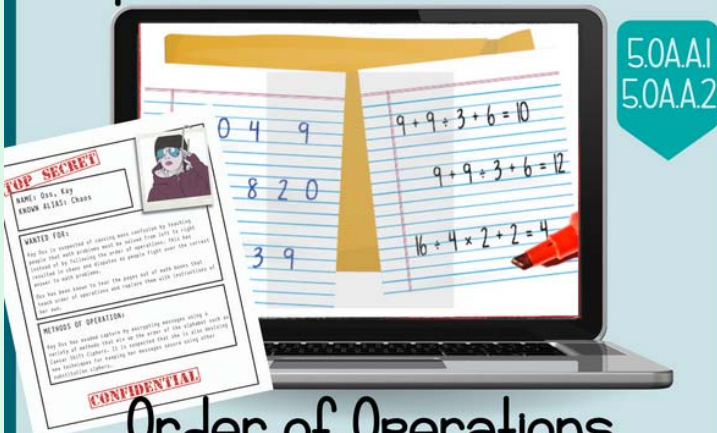
Coordinate Plane- First Quadrant



Escape the Airport  
DIGITAL ESCAPE ROOM!

## The Great CLASSROOM ESCAPE

Operation Restore Order



Order of Operations  
DIGITAL ESCAPE ROOM!

## The Great CLASSROOM ESCAPE

Adding & Subtracting Fractions  
Easy to Implement

5.NF.A.1, 5.NF.A.2



DIGITAL ESCAPE ROOM!

# The Great CLASSROOM ESCAPE

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