



The Great  
CLASSROOM ESCAPE



5th Grade  
Math

Revenge of the  
Gingerbread Man

Digital Escape Room



The Great  
CLASSROOM ESCAPE

## Standards

5.NBT.A.1, 5.NBT.A.2,  
5.NBT.A.4, 5.NBT.B.6,  
5.NBT.B.7

# 5th Grade Math Skills!

## Fast Facts

 No prep, click & go! Optional printable pages

 Escape time ~40-60 minutes

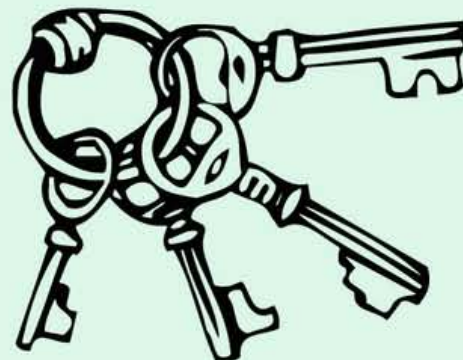
 Recommended to use in pairs or groups

 Requires internet connected device

 Self-Checking

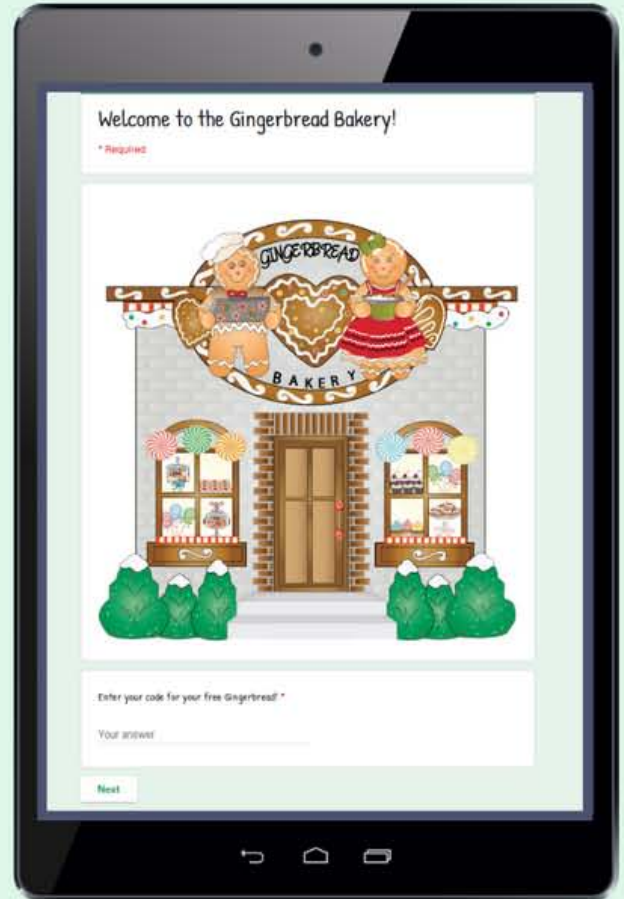
 Virtual or in-person

 Five Engaging Puzzles



# How it Works:

- The escape room is automated by a Google Form™ (Google™ accounts are not required).
- Students only progress through the puzzles when correct answers are entered.
- 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).
- The form provides hints if students enter incorrect answers.



# Puzzle Preview

I came up with my escape plan when I was just a ball of dough. I've heard the stories about my forefathers outsmarting whole towns before being outfoxed by a fox. I'm not getting chased this time!

The recipe holds an important clue! The oven temperature happens to be the same as the combination to a lock where an important tool for making gingerbread is kept.



## Gingerbread Recipe

Step 1: Preheat the oven. It needs to be a precise temperature which is \_\_\_\_\_ . \_\_\_\_\_ degrees.

The temperature contains the following digits: 3, 3, 4, 4, and 5.

Rounding the temperature to the nearest ten, you get 350.

Rounding the temperature to the nearest hundred, you get 300.

The value of the first 3 in the temperature is 10,000 times greater than the value of the second 3 in the temperature.

SALES RECEIPT  
ALL SALES ARE FINAL

THE CUSTOMER WHO PURCHASED THE ITEMS FOR \$37.85 OUT WITH HIS POCKET DECIDED TO LEFTOVER M LOTS OF DECORATED GINGERBREAD EACH BAG COSTS \$0.50 WHOLE BAGS COULD HE BUY BAGS OF CANDY

SALES RECEIPT ALL SALES ARE FINAL TO OPEN THE DRAWING FIGURE OUT HOW MUCH MONEY THE CUSTOMER HAS LEFT. THE CUSTOMER STARTED WITH \$52.02 IN HIS POCKET HE SPENT \$37.85 ON COOKIES AND GINGERBREAD HOUSES THEN BOUGHT BAGS OF CANDY FOR EACH

ENTER YOUR ANSWER WITH A DOLLAR FOLLOWED BY THE NUMBER OF DECIMAL POINTS THE NUMBER OF MONEY REMAINING

SALES RECEIPT  
ALL SALES ARE FINAL

COST OF COOKIES:  
GINGERBREAD HOUSE: \$14.79  
SNOWMAN: \$1.63  
SNOWFLAKE: \$2.34  
STAR: \$0.87

### ORDER NUMBER 1:

- 1 GINGERBREAD HOUSES
- 2 SNOWMEN COOKIES
- 4 SNOWFLAKE COOKIES
- 12 STAR COOKIES



Directions

An order was placed for 840 gingerbread mitten cookies. It took 56 pans to cook all of those cookies. If the cookies were divided equally, how many were on each pan?



Directions

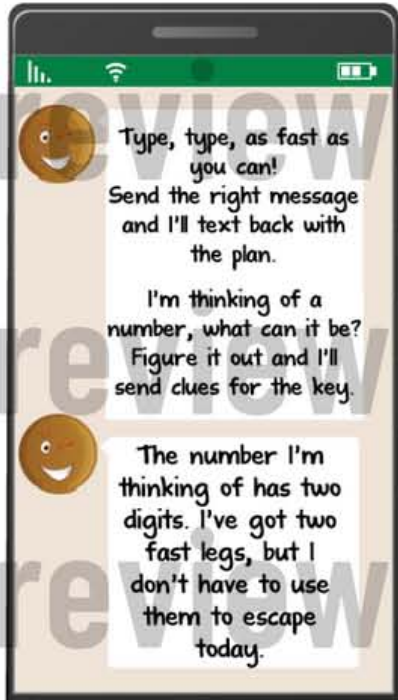
Star cookies are small. 270 cookies were divided equally onto five pans.



Directions

952 snowflake shaped cookies were baked all together. They were divided equally onto 34 pans. How many cookies fit on each pan?

# Puzzle Preview



Once upon a time, there was a very clever gingerbread man. Before he was even baked, he came up with a plan to lock the people who would try to eat him inside the bakery. He thought of clever clues for the people to solve while he made his escape.

He built a very fancy house and hid clues inside. He could be heard singing:

"Push, push, as fast as you can.  
While I get away in the bakery van.  
You may have found out the safe combination,  
But how will you do with gingerbread decoration?"

The very clever gingerbread man had six gingerbread friends. Their names were Red, Orange, Yellow, Green, Blue and Purple. They each had a different number of gumdrop buttons (one, two, three, four, five, and six). Find out how many buttons each one had to find out the order to push the buttons in!

The least expensive buttons cost \$0.28 each. Yellow bought all of the buttons she could for \$1.40 and wore them proudly.

Green had his eye on the expensive \$0.57 buttons. He spent half of his \$4.56 on a gingerbread bicycle. He used what was left to buy as many buttons as he could.

Red has two more buttons than Blue.

Orange has more buttons than Blue, but fewer buttons than Red.

Purple has two times as many buttons as Red.

1	2	3	4	5	6
Number of Buttons					

# Optional Printable Pages

Work, work, as fast as you can  
Solve the puzzles from the Gingerbread Man!  
Use this page to help you out.  
You can do it, I have no doubt.

How Many Buttons?

$\frac{\quad}{1}$      $\frac{\quad}{2}$      $\frac{\quad}{3}$      $\frac{\quad}{4}$      $\frac{\quad}{5}$      $\frac{\quad}{6}$   
 Number of Buttons

Student  
Recording  
Page

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Guess My  
Number



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CLASSROOM  
ESCAPE

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Success  
Signs

I DIDN'T CATCH THE  
GINGERBREAD MAN!  
(BUT I DID ESCAPE)

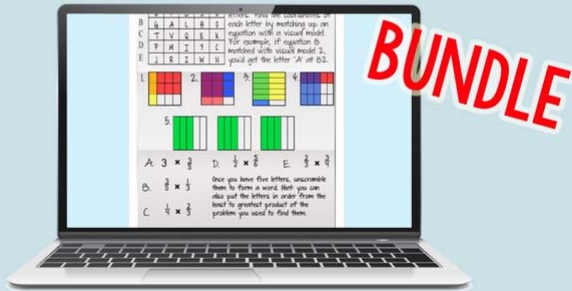
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# You May Also Like

## The Great CLASSROOM ESCAPE

Operations with Fractions  
**DIGITAL ESCAPE ROOM!**

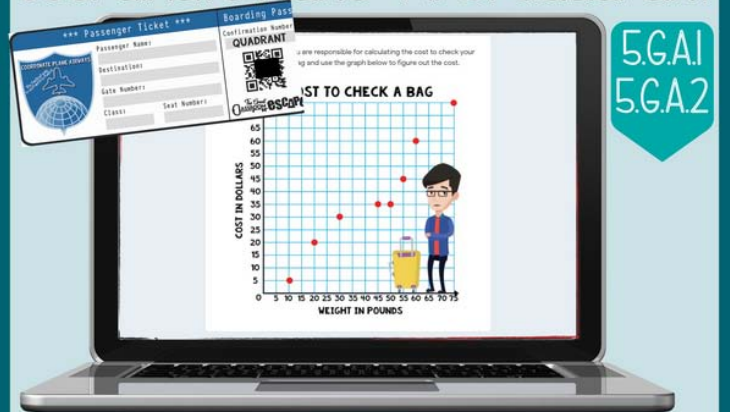


**5TH GRADE MATH CONTENT**

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

## The Great CLASSROOM ESCAPE

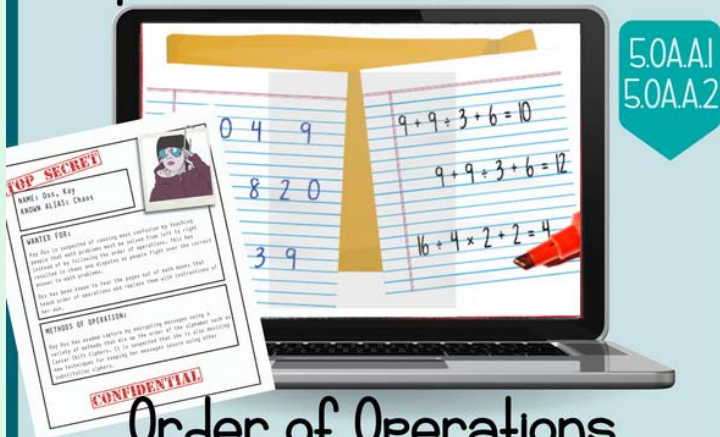
Coordinate Plane- First Quadrant



Escape the Airport  
**DIGITAL ESCAPE ROOM!**

## The Great CLASSROOM ESCAPE

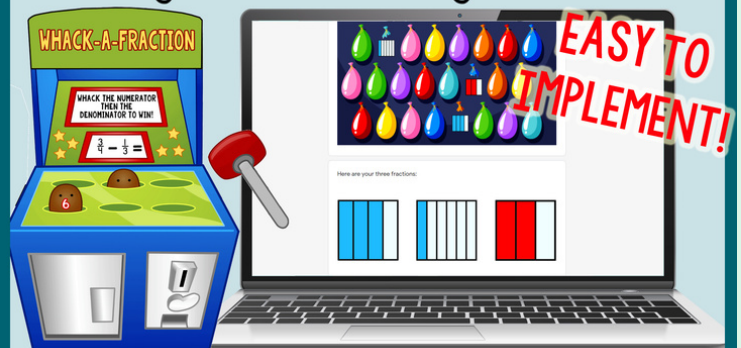
Operation Restore Order



Order of Operations  
**DIGITAL ESCAPE ROOM!**

## The Great CLASSROOM ESCAPE

ESCAPE THE ARCADE  
Adding & Subtracting Fractions



5TH GRADE CONTENT 5.NF.A.1  
**DIGITAL ESCAPE ROOM!**

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