

5th Grade

QUICK!

Dividing Unit Fractions & Whole Numbers

Digital Escape Room



Our personal-sized Magnificent Mushroom Pizza has $\frac{1}{3}$ of a pound of mushrooms on it. The pizza is cut into 4 pieces. If each piece contains an equal amount of mushrooms, what is the weight of the mushrooms on one slice? Weigh precisely this amount of mushrooms.



Standards
5.NF.B.7
5.NF.B.7a, b, c

5th Grade Math Skills
Divide whole numbers by unit
fractions and unit fractions by whole
numbers including word problems.

Fast Facts

 No prep, click & go! Optional printable pages

 Escape Time ~20 minutes

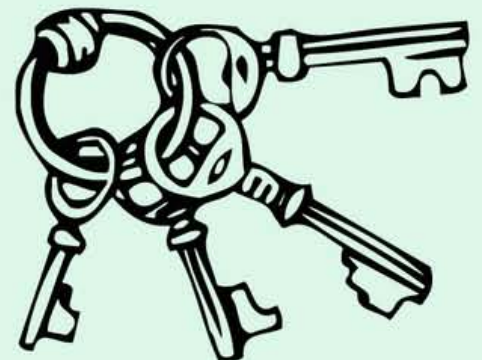
 Complete individually or in small groups

 Requires internet connected device

 Self-Checking

 Virtual or in-person

 Three 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

Super-Secret Dough Recipe

$\frac{1}{4}$ of an ounce of yeast
1 tsp. sugar
 $\frac{1}{3}$ of a pound of flour
1 cup water
1 tsp. salt
 $\frac{1}{16}$ of a pound of olive oil

Open the safe in the cabinet next to the oven.
The combination is Flour-Yeast-Olive Oil

A bag of our flour weighs 15 pounds. How many batches of pizza dough can be made from one bag of flour?

See the note in the box (dropped your leftover pi)

Yeast comes in a 4 ounce jar. How many batches of pizza dough can be made from one jar of yeast?

Our personal-sized Magnificent Mushroom Pizza has $\frac{1}{3}$ of a pound of mushrooms on it. The pizza is cut into 4 pieces. If each piece contains an equal amount of mushrooms, what is the weight of the mushrooms on one slice? Weigh precisely this amount of mushrooms.

A 4 pound jug. How many batches can be made from one jug of oil?



Puzzle Preview

Security Question 1 of 3

$\frac{1}{3}$ of a pepperoni pizza is left. 3 people share it equally. What fraction of a pizza does each person get to eat?

Preview

Security Question 2 of 3

A customer wants to purchase 6 extra large pizzas for a party. The pizzas are cut into slices that are each $\frac{1}{12}$ of a whole pizza. How many guests can be served if each guest will only eat one slice of pizza?



Security Question 3 of 3

Our supply of secret spice is running low. Only $\frac{1}{15}$ of a packet remains. That is enough secret spice to make 7 pizzas. How much secret spice goes onto each pizza?




Optional Printable Pages

Student Recording Page


 **Escape the Pizza Parlor** 

Directions: Use this page to show your work for the digital escape room puzzles.
Use the space below to show your work, draw visual models, or explain your solution.

Flour	Yeast	Olive Oil



Security Question 1	Security Question 2	Security Question 3

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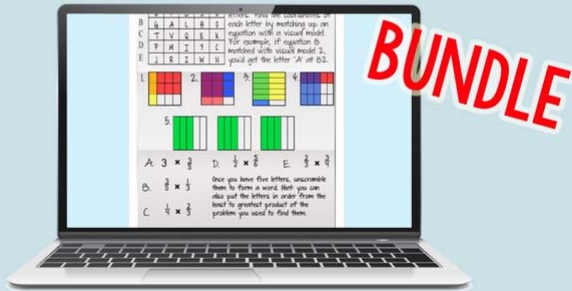
Success Signs



You May Also Like

The Great CLASSROOM ESCAPE

Operations with Fractions
DIGITAL ESCAPE ROOM!

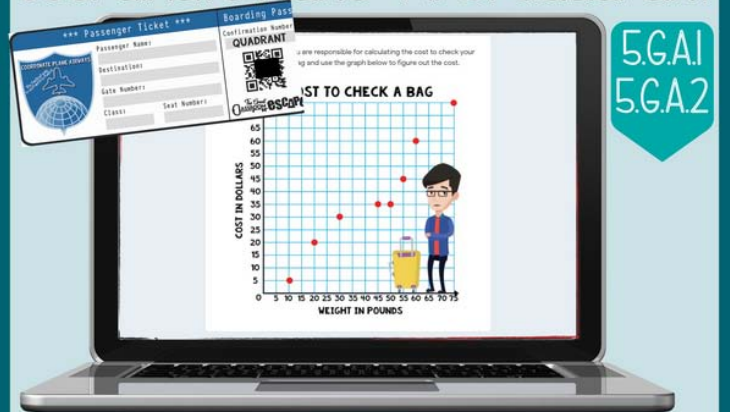


5TH GRADE MATH CONTENT

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

The Great CLASSROOM ESCAPE

Coordinate Plane- First Quadrant

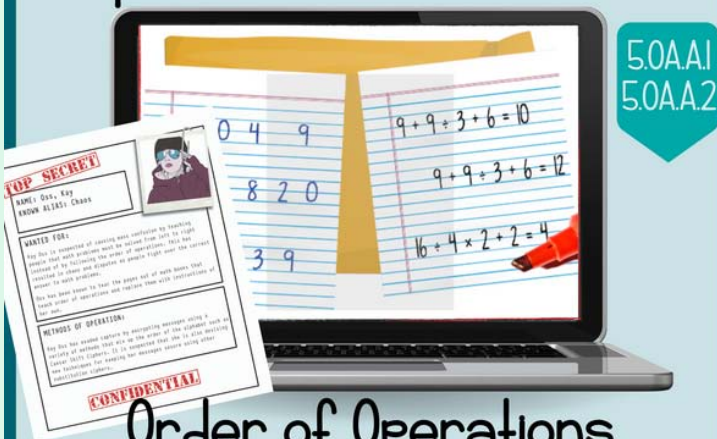


5.G.A.1
5.G.A.2

Escape the Airport
DIGITAL ESCAPE ROOM!

The Great CLASSROOM ESCAPE

Operation Restore Order

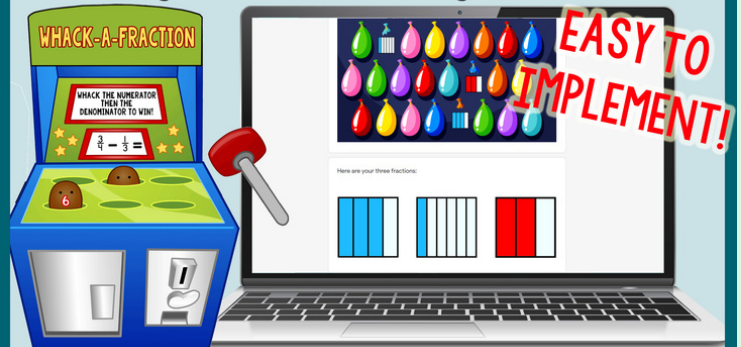


5.OA.A.1
5.OA.A.2

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!

The Great CLASSROOM ESCAPE

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