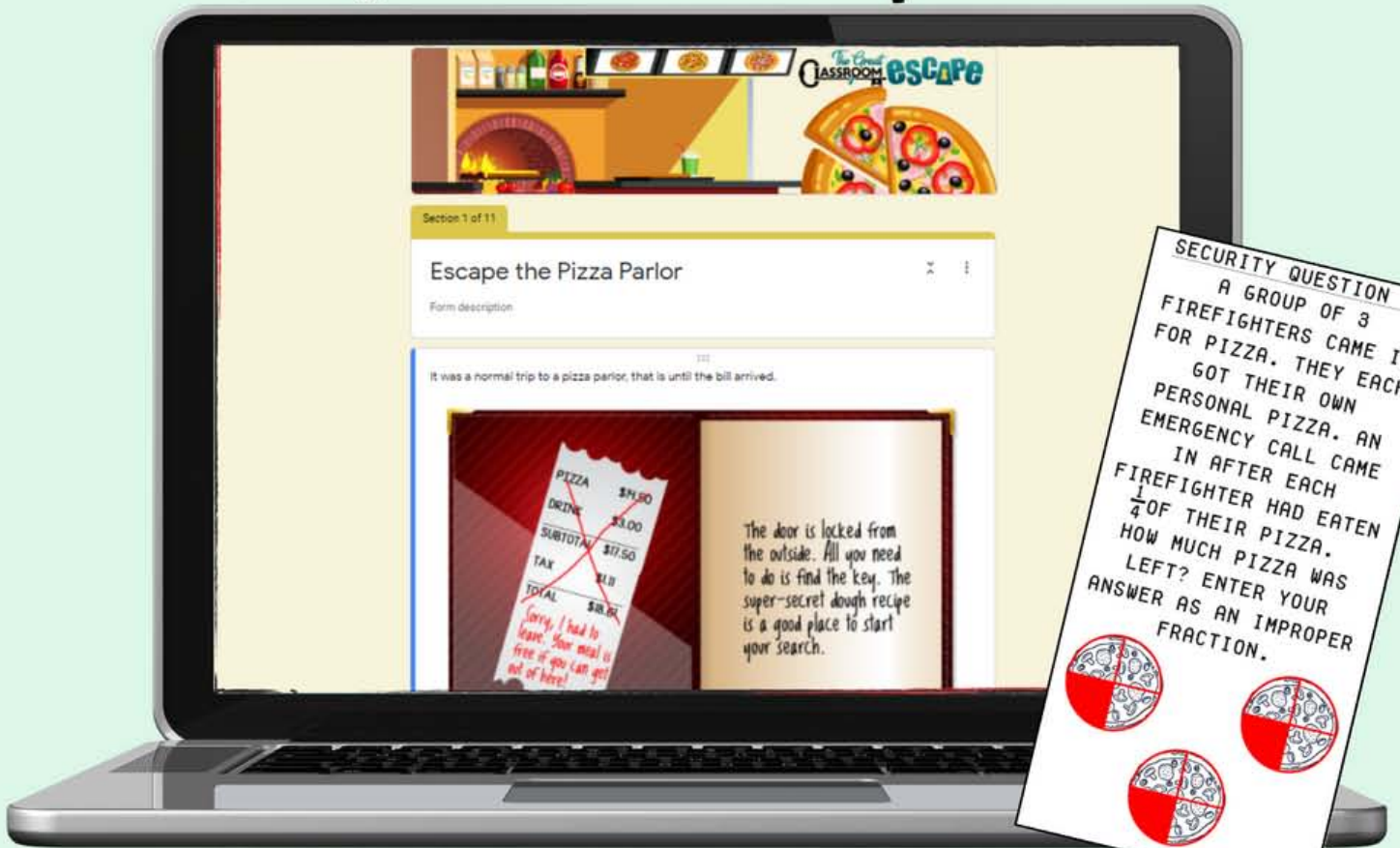


4th Grade

Multiplying Fractions by Whole Numbers

QUICK!

Digital Escape Room



Standards
4.NF.B.4
4.NF.B.4a
4.NF.B.4b

4th Grade Math Skills
Multiply whole numbers by proper
fractions, convert improper fractions
to mixed-numbers, & more!

Fast Facts

 No prep, click & go! Optional printable pages

 Escape Time ~20 minutes

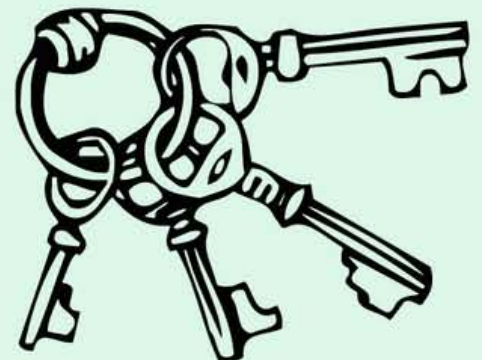
 Complete individually or in small groups

 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

SECURITY QUESTION 1:

A GROUP OF 3
FIREFIGHTERS CAME IN
FOR PIZZA. THEY EACH
GOT THEIR OWN
PERSONAL PIZZA. AN
EMERGENCY CALL CAME
IN AFTER EACH
FIREFIGHTER HAD EATEN
 $\frac{1}{4}$ OF THEIR PIZZA.
HOW MUCH PIZZA WAS
LEFT? ENTER
ANSWER AS AN I
FRACTION



Security Question 2 of 3

Seven friends are ordering
pizza. Each person is
planning to eat $\frac{3}{5}$ of a pizza.
What is the minimum

as they
er?



SECURITY QUESTION 3:

A CUSTOMER CAME IN 5
DAYS IN A ROW AND ATE
 $\frac{5}{8}$ OF A PIZZA EACH DAY.
HOW MUCH PIZZA DID
THE CUSTOMER EAT IN
ALL?



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 draw visual models, write equations, draw number lines, or explain your solution.

Flour	Yeast	Olive Oil	Water



Security Question 1	Security Question 2	Security Question 3

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Success Signs



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Area Model Multiplication 4.NBT.B.5

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4TH GRADE MATH CONTENT

4.OA.B.4, 4.NF.A.1, 4.MD.A.1, 4.OA.A.1, 4.NBT.B.4 & More!

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