



by
The Great Classroom Escape

TOP SECRET



CONFIDENTIAL

Long Division with Two-Digit Divisors

Math Mission Escape Room

**5th
Grade
5.NBT.B.6**



Task 5: The Locker Combination

A text comes through instructing you to go to the museum restaurant. As you sit at a table looking over your menu, a woman approaches confidently. "Always admire apples," she says as she passes you a napkin and disappears. You look at the napkin and find a note.



It's been a pleasure doing business with you. The painting is in locker 209 in the museum basement. The first number of the combination is how many orders of Market Mashed you can purchase with \$2.05.

The second number of the combination is the number of pictures of Pileto Punch you can

We have agents ready to move in.
What is the combination?

Tip: Solve each division problem and write the quotients on the lines in the left column of the grid. Then follow the clues to complete the logic puzzle.

The authentic paintings in columns 3 and 4 have quotients with a remainder.

The painting in column 2 does not have the smallest quotient.

The two largest quotients belong to the paintings in columns 4 and 5.

What is the five letter word? Match the locations of the authentic paintings in your logic grid with the letters in the picture frames.

	1	2	3	4	5



Task 1: Access the Restricted Section

The last text from the thief instructed you to buy a ticket to the Geometric Gallery and access the restricted section. You are told to leave a briefcase full of money in the restricted section to pay for the painting. How will you manage to do that? The man who sells you a ticket has a suspicious look about him. Does the ticket have a clue on it?



What is the door code?

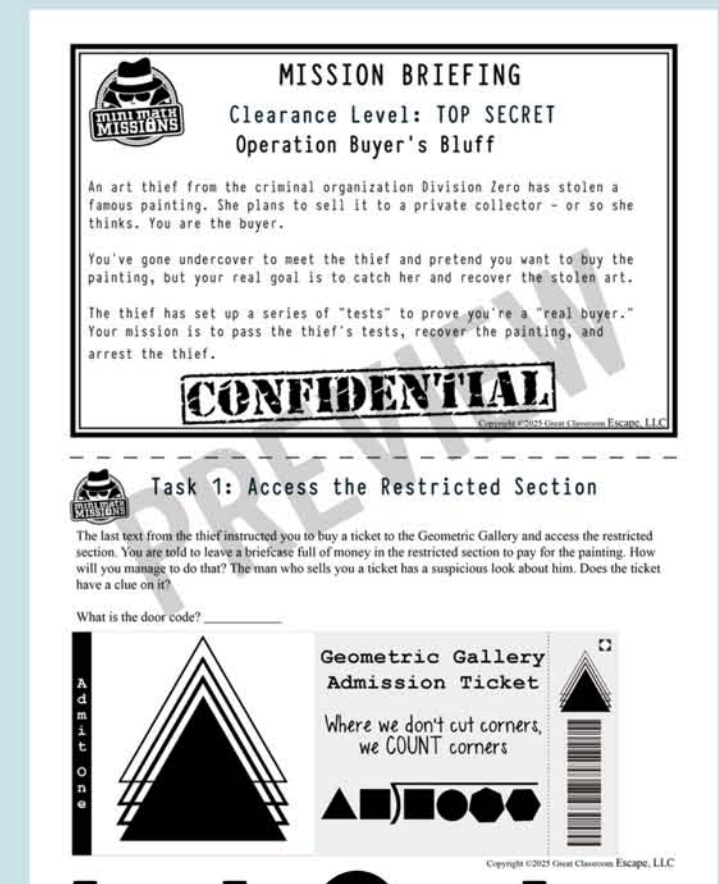
Copyright ©2025 Great Classroom Escape, LLC

Copyright ©2025 Great Classroom Escape, LLC



Secret Mission Themed Escape Room

- Unique, fun, and engaging ways to practice standards-based math
- Five challenges focus on standards-based math skills in a way that encourages active learning and collaboration.



Color, Black & White + Digital Option

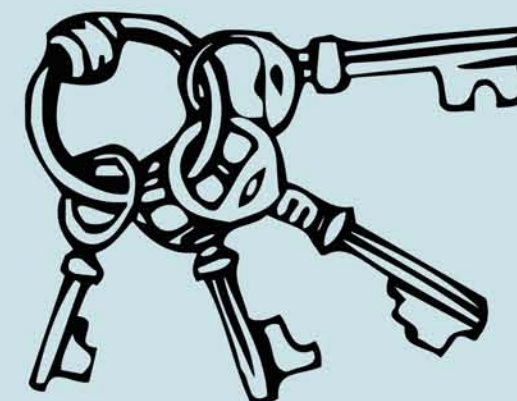
Standard
5.NBT.B.6

5th Grade Math Skills

- Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors
- Solve division problems with two-digit divisors and up to four-digit dividends that result in a remainder.

Fast Facts

-  Low prep printable, no-prep digital
-  Allow 30-60 minutes
-  Use individually, in pairs, or in small groups
-  Digital requires internet connected device
-  Answer Key Included
-  Virtual or in-person
-  5 Engaging Puzzles



How it Works: Digital

- 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.
- No prep, easy to manage, & self-checking!

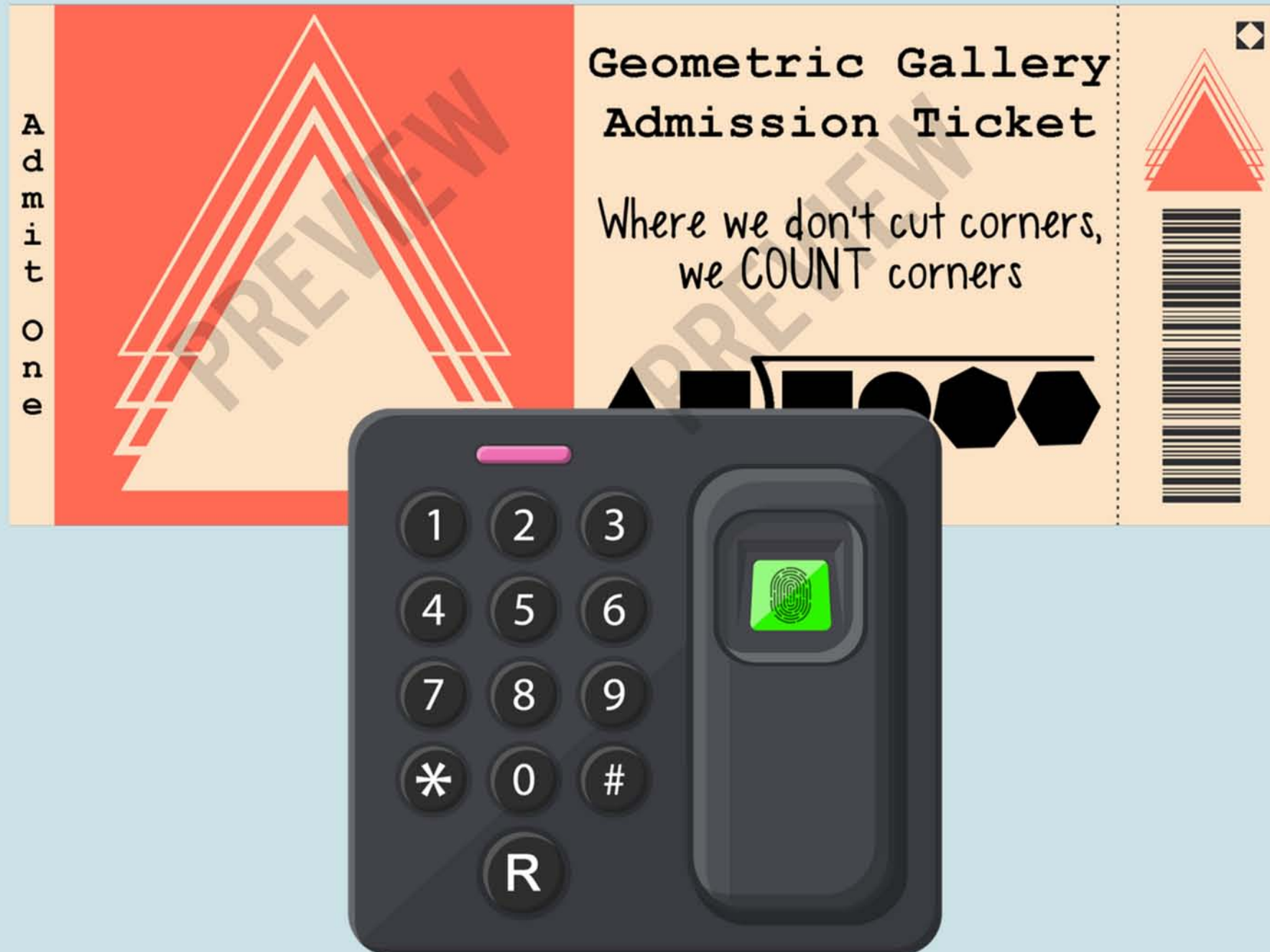


How it Works: Print

- Black & white OR color printable clues
- Print, & cut clues (seven pages to print).
- Check students answers before providing the next clue.
- Clear directions provided
- Make as immersive/engaging as you'd like, or keep it simple!
- Tip: laminate the clues for future use
- Use all five puzzles together as an escape room, or use each puzzle individually as a task card or exit ticket



Puzzle Preview



Task 2: Find the Forgeries

The door to the restricted section unlocks. You set the briefcase down, and immediately a text comes through. It reads, "Any real art buyer can detect a forgery. On the wall you see 25 paintings. Five are authentic (real) and 20 are forgeries (fake). Follow the clues to eliminate the forgeries and find the authentic artwork. The back of your ticket has your clues. I need a five letter word."



The lights dim and a black light comes on revealing clues on your ticket. The grid full of paintings is replaced with a grid of letters. Maybe these help you find the five letter word.



Tip: Solve each division problem and write the quotients on the lines in the left column of the grid. Then follow the clues to complete the logic puzzle.

authentic paintings in columns 2
quotient remainder

The painting in column 2 does not have the same quotient.

The two largest quotients belong to the paintings in columns 4 and 5.

What is the five letter word? Match the locations of the authentic paintings in the grid with the letters in the picture frames.

	1	2	3	4	5
1					
2					
3					
4					
5					

Puzzle Preview

Change the letters into digits, then solve the problems.
Next, turn the digits in your solutions back into letters.

T)DWRR DN)WDR WA)EELS

AS)DWAS Follow these instructions so that I will recognize you, then go to the café.

3	4	5	6	7	8	9
H	R	E	T	N	S	D

Canvas Café

menu

Appetizers

Picasso Poppers \$16

Da Vinci Dunks \$21

Entrees
Monét Meatballs
\$38

Abstract
Alfredo \$42

Salad

Cézanne Citrus

Beverages

Fresco Fizz

Pitcher of Pa
Punch \$5

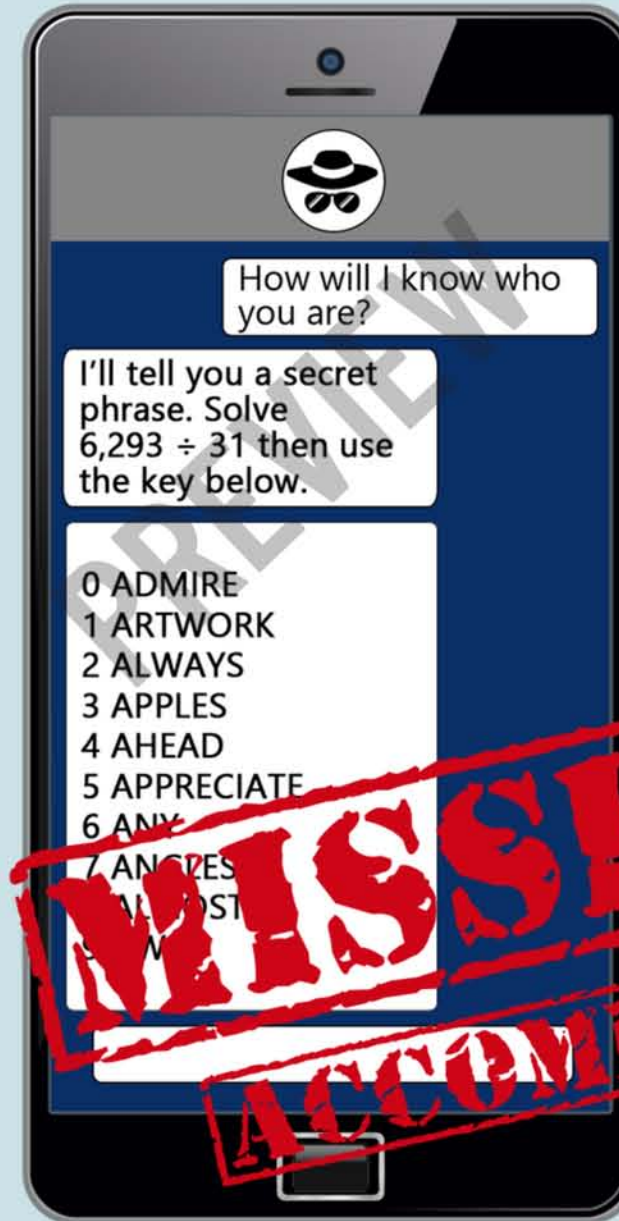
Eat like
an artist

It's been a pleasure doing business with you. The painting is in locker 205 in the museum basement.

The first number of the combination is how many orders of Monét Meatballs you can purchase with \$2,052.

The second number of the combination is the number of pitchers of Palette Punch you can purchase with \$1,288.

The third number of the combination is the number of Fresco Frizz drinks you can purchase for \$589.



***Please check to see if the rigor of the puzzles suits your students.**