

SUBJECT: KAY OSS

OPERATION RESTORE ORDER



Grades
4-6
Math

Order of Operations

Print or Digital Escape Room

ODE TO CHAOS

ORDER OF OPERATIONS...
WHY DOES IT HAVE TO BE SO?
THAT PARENTHESES THEN EXPONENTS
GET TO BE THE FIRST TO GO?

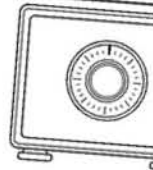
WHY SHOULD MULTIPLICATION AND DIVISION
LEFT TO RIGHT BE NEXT IN LINE?
POOR ADDITION AND SUBTRACTION
DESERVE THE RIGHT TO WHINE!

TOP SECRET

CLUE 3 THE VILLAINGRAM

The password worked to unlock the computer. Here is the message that popped up on the screen. "I've got over 3 million followers on Villaingram. I bet none of them even realize the code to my safe is hidden right on that page!"

There's a safe under the desk! Let's see if we can solve this clue and open it up. We are loading the Villaingram account now.



What is the combination to the safe?

The Great Classroom Escape

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Standards

5.0A.A.1

5.0A.A.2

5th Grade Math Skills

Solve multi-step word problems using the four operations, evaluate expressions with parentheses & more!

Fast Facts



No prep digital - optional printable supplements



Low-prep black-and-white printable version



Escape Time ~45-60 minutes



Best used in pairs or small groups



Digital requires internet connected device



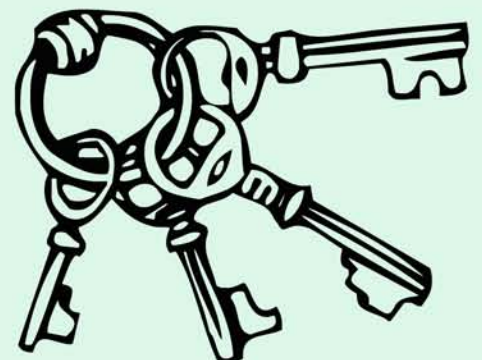
Self-checking digital version



Virtual or in-person

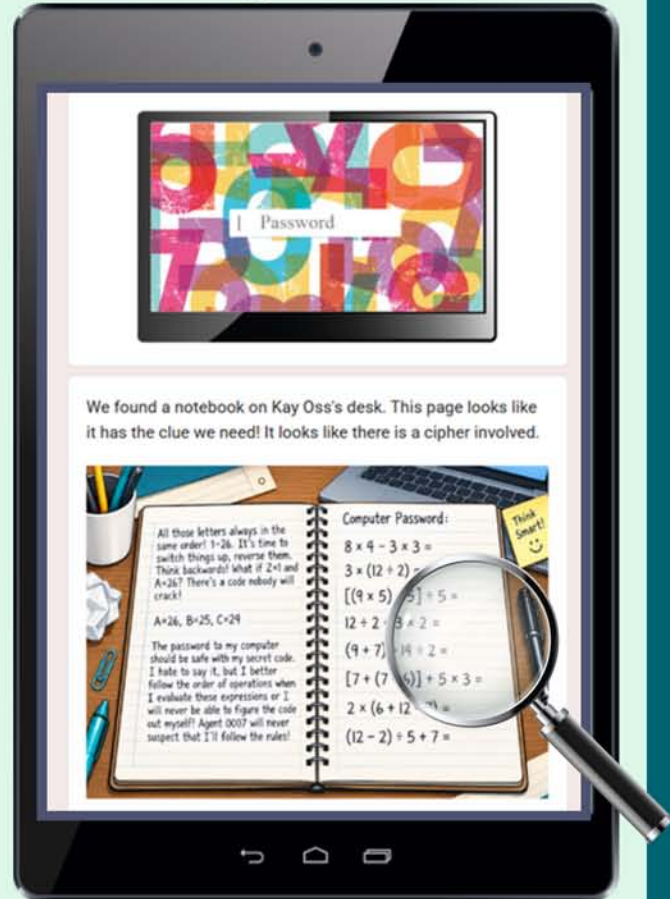


Five Engaging Puzzles



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.

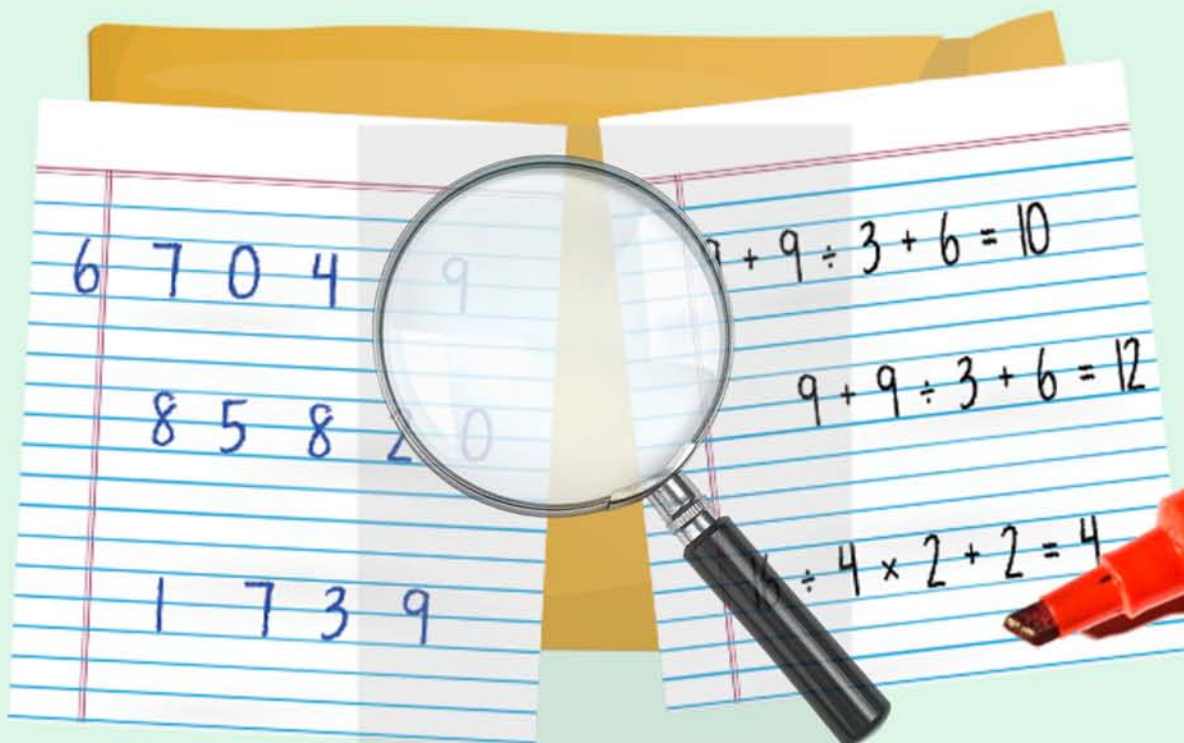
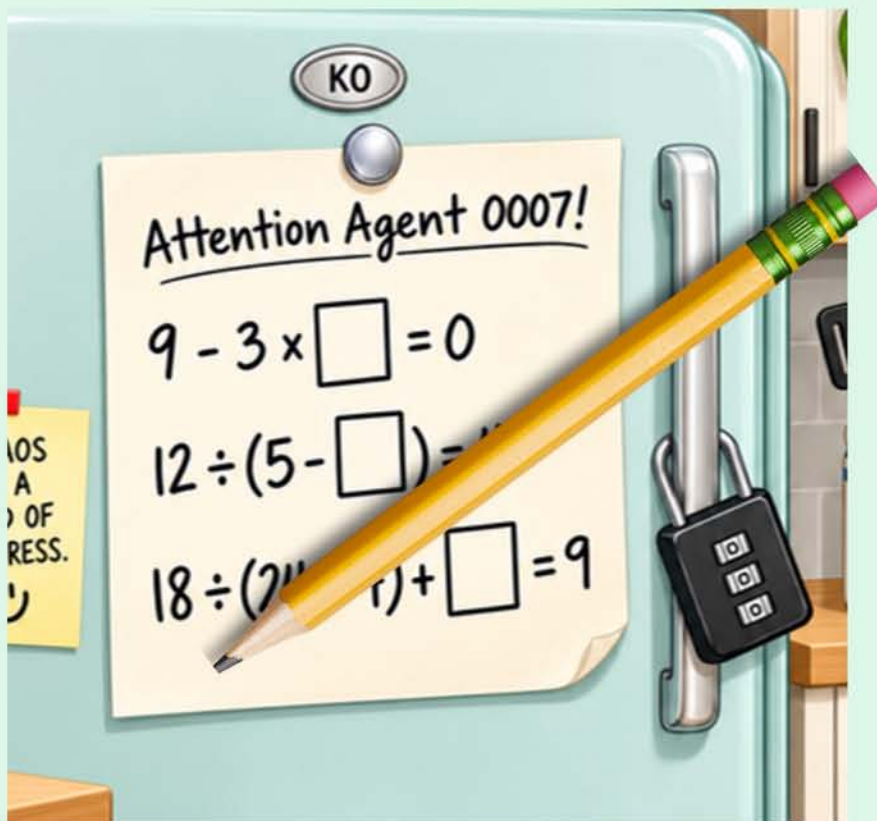


How it Works - Print:

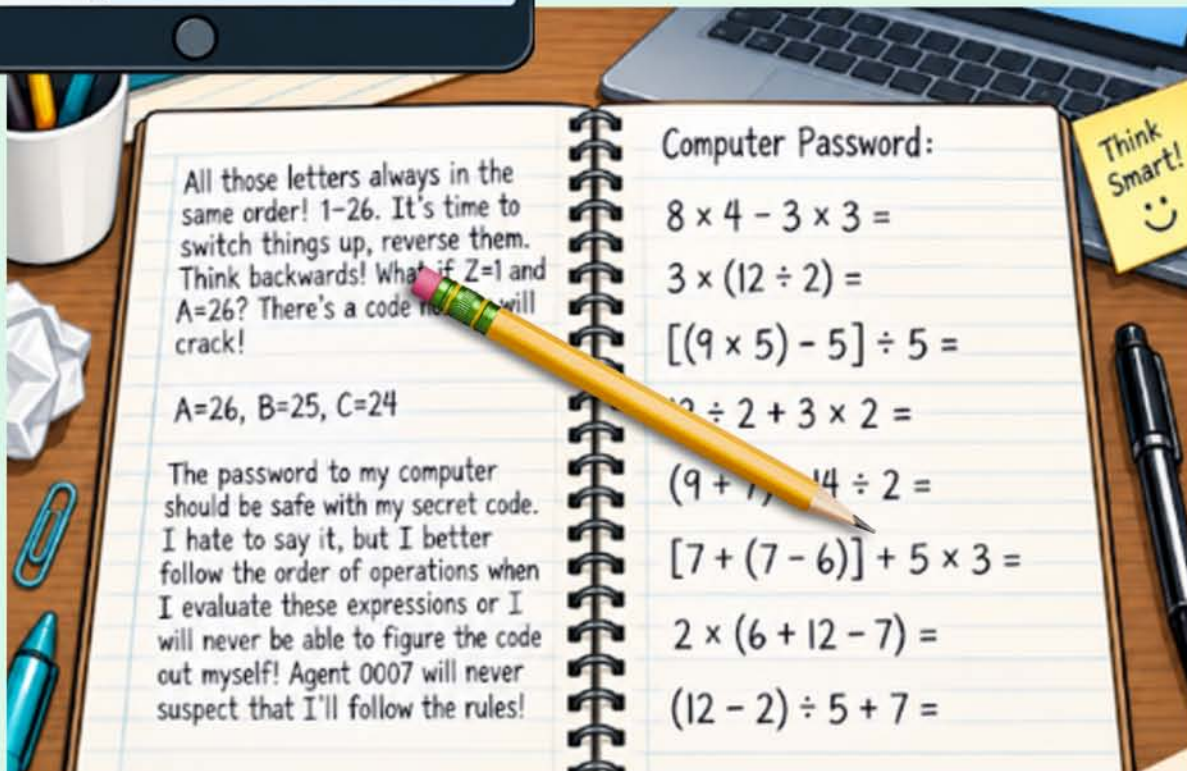
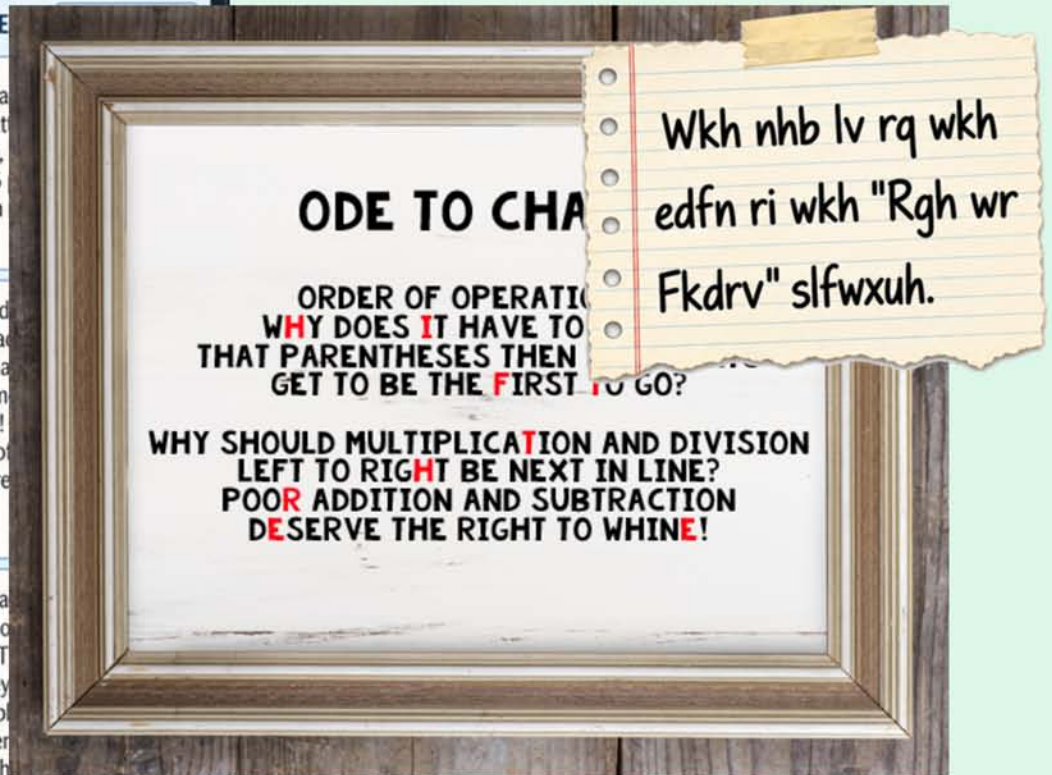
- Low prep!
- Print the five clues, intro, and success page
- Give students the intro and clue 1 to begin
- When students solve a clue, they bring the answer to you.
- If the answer is correct, give the next clue.
- Continue until students solve the final clue.
- Use individually, in pairs, in small groups, or as a whole class.
- Great for centers!



Puzzle Preview



Puzzle Preview



Optional Extras

Recruits: These cipher key creators may come in handy as you help in this mission.

 Cipher Key Creator 

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z

Copyright ©2018

 Cipher Key Creator 

T	U	V	W	X	Y	Z



T	U	V	W	X	Y	Z

TOP SECRET

NAME: Oss, Kay
KNOWN ALIAS: Chaos



WANTED FOR:

Kay Oss is suspected of causing mass confusion by teaching people that math problems must be solved from left to right instead of by following the order of operations. This has resulted in chaos and disputes as people fight over the correct answer to math problems.

Oss has been known to tear the pages out of math books that teach order of operations and replace them with instructions of her own.

METHODS OF OPERATION:

Kay Oss has evaded capture by encrypting messages using a variety of methods that mix up the order of the alphabet such as Caesar Shift Ciphers. It is suspected that she is also devising new techniques for keeping her messages secure using other substitution ciphers.

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Cipher
Key &
Dossier

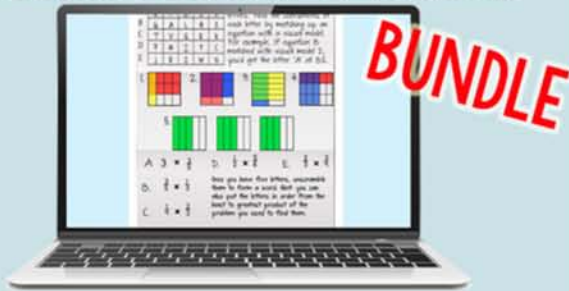
Success
Signs



You May Also Like

The Great CLASSROOM escape

Operations with Fractions
DIGITAL ESCAPE ROOM!

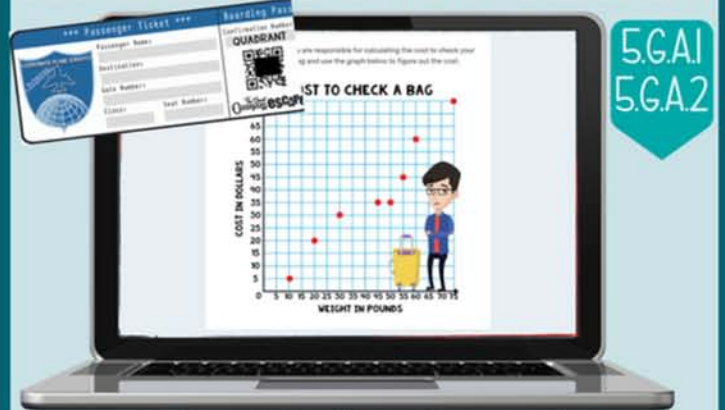


5TH GRADE MATH CONTENT

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

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Coordinate Plane- First Quadrant



Escape the Airport
DIGITAL ESCAPE ROOM!

The Great CLASSROOM escape

Operation Restore Order



Order of Operations with Exponents
DIGITAL ESCAPE ROOM!

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ESCAPE THE ARCADE
Adding & Subtracting Fractions



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

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