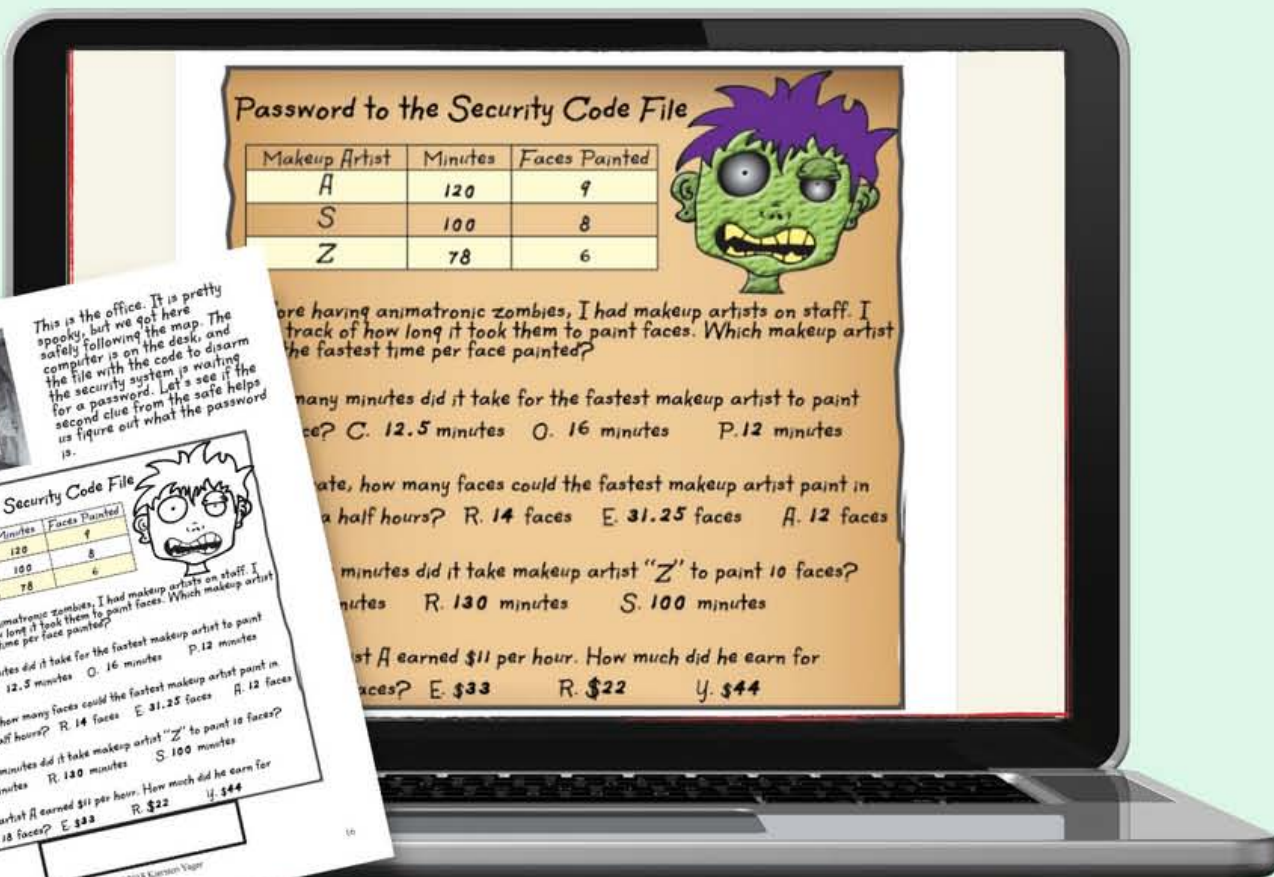


Escape the Haunted House



6th
Grade
Math

Rates & Ratios Digital or Print Escape Room



Password to the Security Code File

Makeup Artist	Minutes	Faces Painted
A	120	9
S	100	8
Z	78	6



Before having animatronic zombies, I had makeup artists on staff. I kept track of how long it took them to paint faces. Which makeup artist had the fastest time per face painted?

How many minutes did it take for the fastest makeup artist to paint one face? C. 12.5 minutes O. 16 minutes P. 12 minutes

At this rate, how many faces could the fastest makeup artist paint in two and a half hours? R. 14 faces E. 31.25 faces A. 12 faces

How many minutes did it take makeup artist "Z" to paint 10 faces? Q. 120 minutes R. 130 minutes S. 100 minutes

Makeup artist A earned \$11 per hour. How much did he earn for painting 18 faces? E. \$33 R. \$22 Y. \$44



This is the office. It is pretty spooky, but we got here safely following the map. The computer is on the desk, and the file with the code to disarm the security system is waiting for a password. Let's see if the second clue from the safe helps us figure out what the password is.

Password to the Security Code File

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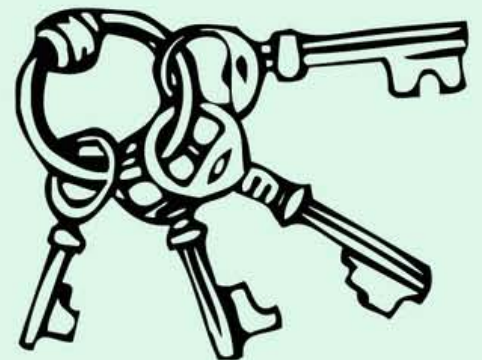


6.RP.A.1, 6.RP.A.2,
6.RP.A.3, 6.RP.A.3a,
6.RP.A.3b, 6.RP.A.3d

6th Grade Math Skills
Rates & ratios with tape diagrams,
tables, double number lines, word
problems & fun puzzles!

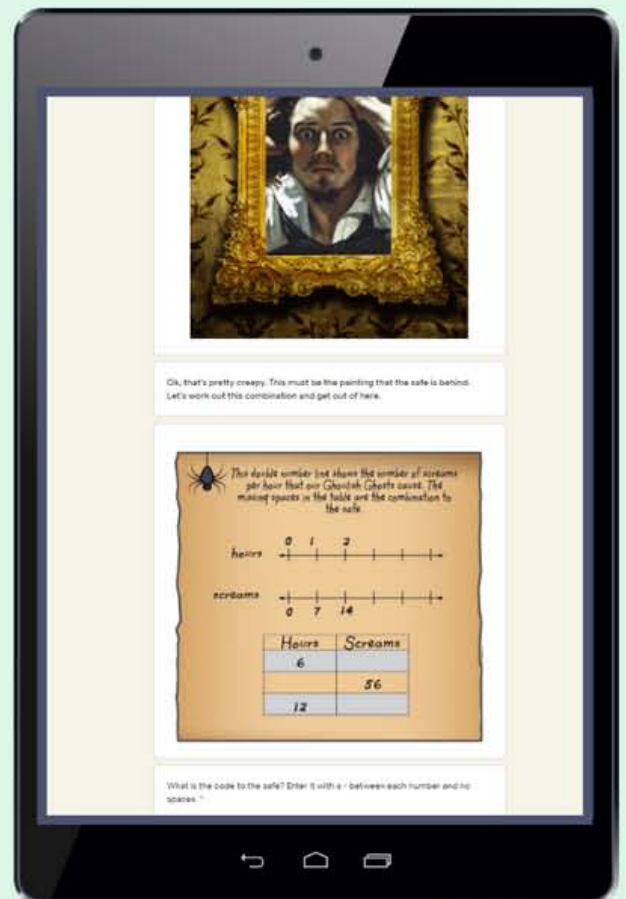
Fast Facts

-  Low prep digital! Optional printable pages
-  Escape Time ~45-60 minutes
-  Recommended for pairs or small groups
-  Digital version requires internet connected device
-  Self-Checking (digital)
-  Virtual or in-person
-  Five Engaging Puzzles



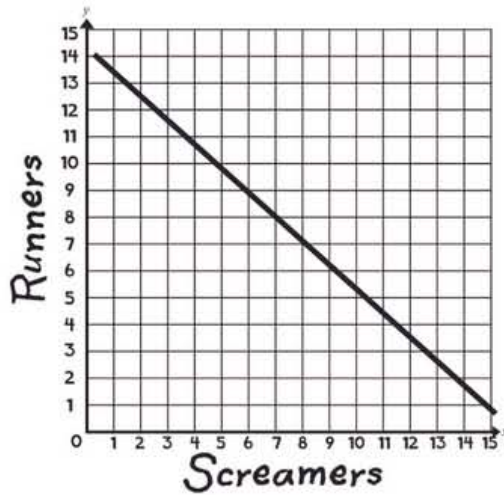
How it Works (Digital):

- 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.



Optional Printable Pages

Optional Invitation and one page to print for digital version



The Great CLASSROOM ESCAPE

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VISIT HORATIO'S HAUNTED HOUSE

Free entrance with code: "RATIO"



Free exit with code: _____



The Great CLASSROOM ESCAPE

TEAM PLAYER!

The Great CLASSROOM ESCAPE

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Success Signs

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How it Works (Print Version):

- There will be six pages to print per group. These include a backstory and five clues
- You can choose to print optional success signs
- Give students the backstory page and the first clue.
- Check that students have solved the puzzles correctly, then pass out clues in order.

That's a creepy painting! There are two things in the safe. Let's solve the map to the office first.

Map to the Office X Marks the Spot

The ratio of customers who scream to customers who run away when a giant spider falls onto their heads is 2:3.

Screamers	Runners
?	6
10	?

Runners

Screamers

Clue 3

The file is spooky plain right on the sticky note three letters

A	B
1	2

N	O
14	15

What are the coordinates of the office?

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There are 8 mummies in the haunted house. The ratio of screaming mummies to moaning mummies is 3 to 5.

The ratio of zombies to mummies in this haunted house is 5:4. If there are 20 mummies, how many zombies are there?

To wrap a mummy requires 2 rolls of wrapping for every foot of height of the mummy. If the mummy is 7 feet six inches tall, how many rolls of wrap will be needed?

Solve these clues to find the code to shut off the security system.

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Clue 1

The ratio of zombies to mummies in Horatio's Haunted House is shown in this tape diagram. Find the painting with moving eyes in the table.

Zombies

Mummies

Zombies	Mummies
	12
36	

To get to the painting with the moving eyes, take 36 steps forward, then turn left and take 12 steps more.

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Clue 2

This double number line shows the number of screams per hour that our Ghastly Ghosts cause. The missing spaces in the table are the combination to the safe.

hours 0 1 2

screams 0 7 14

Hours	Screams
6	56
12	

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Sample Puzzles



The ratio of zombies to mummies in Horatio's Haunted House is shown in this tape diagram. Find the painting with moving eyes by filling in the table.

Zombies

Mummies

Zombies	Mummies
	12
36	

To get to the painting with the moving eyes, take ___ steps forward, then turn left and take ___ steps more.



This double number line shows the number of screams per hour that our Ghoulish Ghosts cause. The missing spaces in the table are the combination to the safe.

hours

screams

Hours	Screams
6	
	56
12	

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	10	11	12	13
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
14	15	16	17	18	19	20	21	22	23	24	25	26

There are screaming mummies and moaning mummies in the haunted house. The ratio of screaming mummies to moaning mummies is 3 to ___?

The ratio of zombies to mummies in this haunted house is 5:4. If there are mummies, how many zombies are there?

To wrap a mummy requires rolls of wrapping for every foot of height of the mummy. If the mummy is 7 feet six inches tall, how many rolls of wrap will be needed?

Solve these clues to find the code to shut off the security system.

Sample Puzzles

Map to the Office X Marks the Spot

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You Might Also Like

The Great CLASSROOM ESCAPE

OPERATION SAVE THE ROCKET LAUNCH

Evaluating Expressions Word Problems



PIN Digit 4
How much space is left?

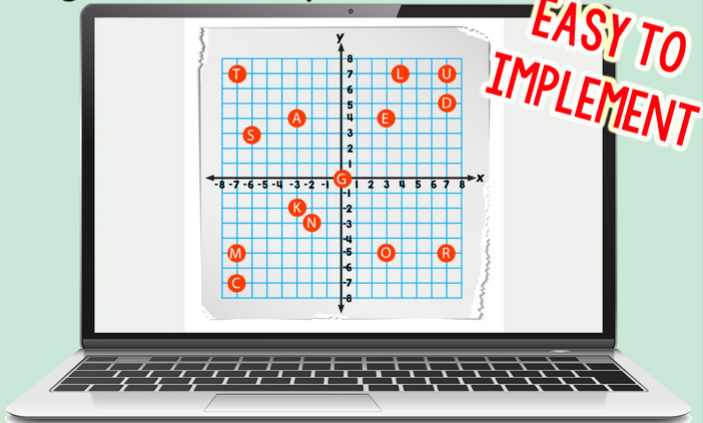
The expression $e^3 - 8d$ gives the number of cubic feet of storage space that remain in a cube-shaped container that the rocket is taking to the space station. How much space is left in the container if $e = 3$ and $d = 24$?

6TH GRADE CONTENT 6.EE.A.2 6.EE.A.2A 6.EE.A.2C
DIGITAL ESCAPE ROOM!

The Great CLASSROOM ESCAPE

SIXTH GRADE MATH

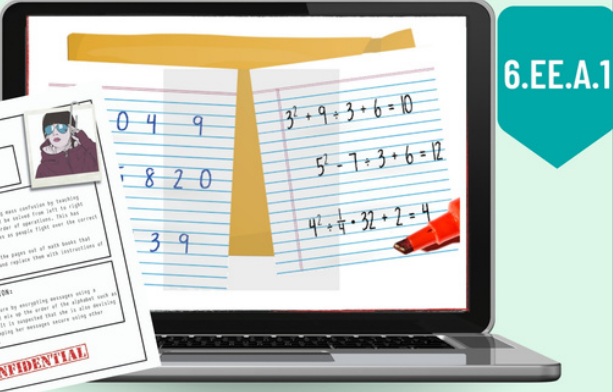
Digital Escape Room Bundle



EASY TO IMPLEMENT!

The Great CLASSROOM ESCAPE

Operation Restore Order



6.EE.A.1

Order of Operations with Exponents
DIGITAL ESCAPE ROOM!

The Great CLASSROOM ESCAPE

Area of Polygons



Easy to Implement

DIGITAL OR PRINT ESCAPE ROOM!

6.G.A.1



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