



# The Great CLASSROOM ESCAPE

6th  
Grade  
Math

## Stop the Valentine's Villain! Digital Escape Room



Let's take a closer look at the rainbow hearts on the fire

Look! These candy hearts are buttons that can be pushed in. What order to push them in.



Roses are red  
Violets, they stink.  
To figure out the floor,  
You'll need to think.

Find the least common multiple of 6 and 10.

Multiply it by the greatest common factor  
of 45 and 18 and then...








Take 20% of the number that you've found.  
That's the floor you need,  
now head off the ground!

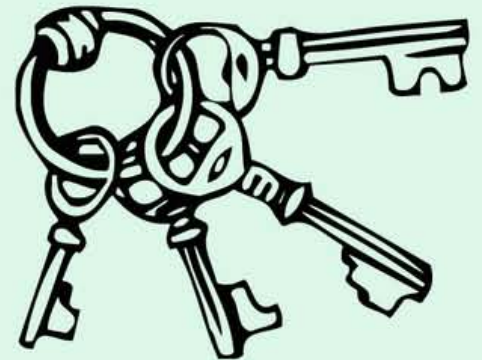
# Standards

6.NS.A.1, 6.NS.B.3, 6.NS.B.4,  
6.NS.C.5, 6.NS.C.6, 6.EE.A.1,  
6.RP.A.1, 6.RP.A.2, 6.RP.A.3,  
& more!

6th Grade Math Skills  
Ordering rational numbers, evaluating  
expressions with exponents, dividing  
mixed-numbers, ratios, & more!

# Fast Facts

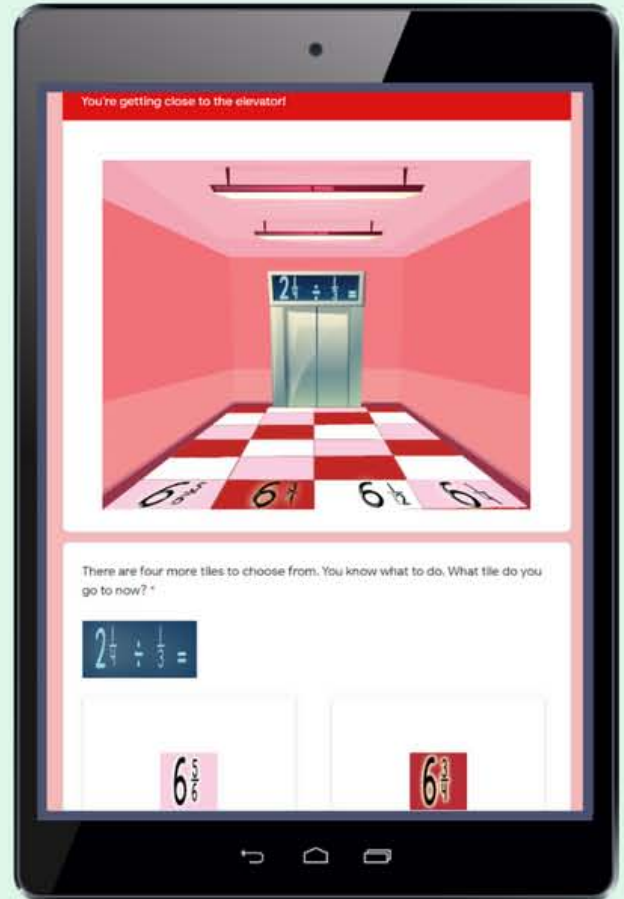
-  No prep, click & go! \*Optional pages to print
-  Escape Time ~45-60 minutes (varies)
-  Recommended to complete in pairs or small groups
-  Requires internet connected device
-  Self-Checking
-  Virtual or in-person
-  Five Engaging Puzzles





# 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



Roses are red  
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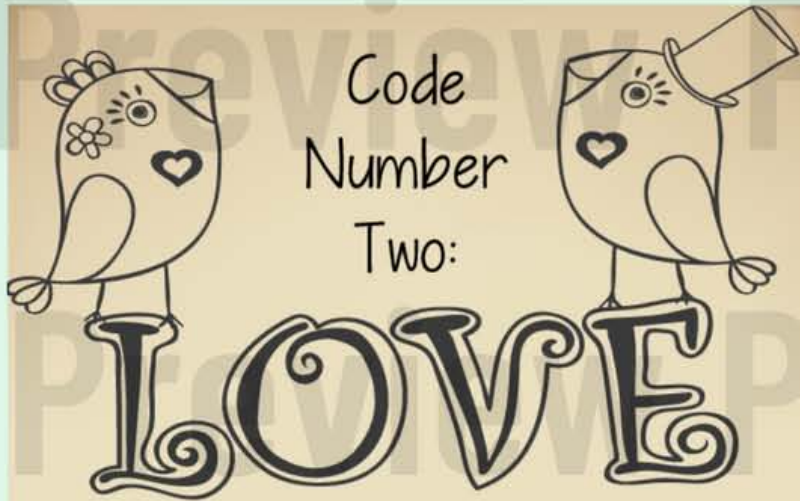
Find the least common multiple of 6 and 10.

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That's the floor you need,  
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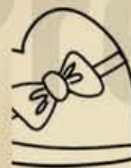


# Puzzle Preview



Before I pulled off my heart candy heist, a store was selling boxes of heart shaped candies at a rate of 36 boxes every 3 hours. At that rate, how many boxes of candy would the store have sold in 18 and a half hours?

Two problems to solve to disable the alarm. Solving them correctly will do no harm.



Code number one:

The ratio of chocolate covered caramels to chocolate covered cherries in vault is 5 to 2. If I have 84 chocolate covered cherries, how many chocolate covered caramels do I have?

	.11	.5	$\frac{11}{50}$	.05	$\frac{1}{5}$
20%	I	L	O	V	E
50%	C	A	N	D	Y
22%	B	U	T	I	S
11%	H	O	U	L	D
5%	S	H	A	R	E

You've come so far, don't turn back now.

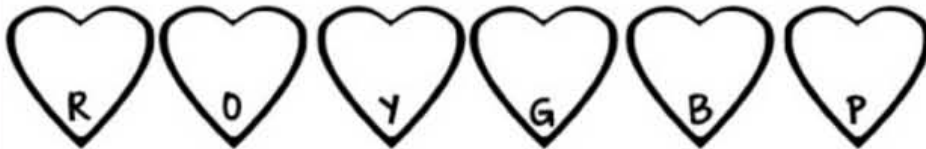
You can save the candy, here is how:

A five letter word will open the vault

# Optional Printable Pages

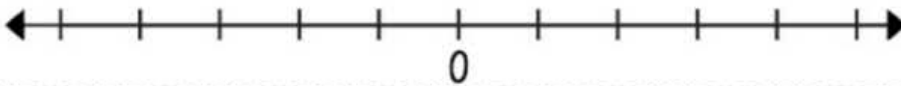
**Directions:** Use this page to help you solve some of the Valentine's Villain's puzzles!

## Rainbow Hearts!



What order should you push the buttons in?

\_\_\_\_\_



Use this space and the back of the page to work out some of the problems!

I	L	O	V	E
C	A	N	D	Y
B	U	T	I	S
H	O	U	L	D
S	H	A	R	E

Five letters for the code to the vault:

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Copyright ©20

Puzzle  
Helper  
Page

Success  
Signs



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# You May 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  $c^3 - 8d$  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  $c = 3$  and  $d = 24$ ?

**EASY TO IMPLEMENT!**

MISSION CONTROL CENTER

Four digit PIN? Where is there a four digit pin?

Click four random numbers and see what happens.

Go back out into the hallway. Maybe the mission control team has been released and

**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!**

**6TH GRADE MATH STANDARDS**

**The Great CLASSROOM ESCAPE**

**Operation Restore Order**

**6.EE.A.1**

**TOP SECRET**

NAME: Ota, Key  
KNOWN ALIAS: Chaos

**WANTED FOR:**

See Ota is suspected of causing mass confusion by breaking number line math problems when he arrives from left to right instead of right to left. He is also suspected of causing confusion by breaking order of operations. He has been seen to cause confusion by breaking order of operations and replacing the correct order of operations with his own.

**METHODS OF OPERATION:**

See Ota has created confusion by manipulating numbers using a variety of methods that he has used on the order of the numbers such as changing the order of operations. He is also suspected of manipulating the order of operations by changing the order of operations.

**CONFIDENTIAL**

$0\ 4\ 9$   
 $8\ 2\ 0$   
 $3\ 9$

$3^2 + 9 + 3 + 6 = 10$   
 $5^2 - 7 + 3 + 6 = 12$   
 $4^2 + \frac{1}{4} + 32 + 2 = 4$

**Order of Operations with Exponents**  
**DIGITAL ESCAPE ROOM!**

**The Great CLASSROOM ESCAPE**

**NEGATIVE NUMBERS & ABSOLUTE VALUE**  
**6TH GRADE MATH STANDARDS**

**Easy to implement! Automated with a Google Form™!**  
**Does NOT require Google Classroom™ or e-mail addresses**

**ESCAPE ANTARCTICA**  
**DIGITAL ESCAPE ROOM!**

Dr. Pike's Emergency Instructions

Research Notes:

The penguin program has been able to adapt much better than other penguin species to the changing climate in Antarctica.

3 have been tracking for nesting sites (plot them on a coordinate plane. The origin represents the research center. The x-axis represents the east-west distance, and the y-axis tracks the distance north or south.

- Nesting site A is located 6 km east and 3 km south of the research facility.
- Nesting site B is located at (0, -3)
- Nesting site C is located 2 km east and 5 km north of the research facility.
- Nesting site D is located at (0, 5)

These nesting locations determine the three-digit combination to my desk drawer.

Digit 1: Distance between nesting sites A and D.  
Digit 2: Distance between nesting sites C and D.  
Digit 3: Distance between nesting sites A and B.

# The Great CLASSROOM ESCAPE

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