



The Great CLASSROOM ESCAPE

5.0A.A.1

5.0A.A.2

Treasures of the Temple Numerical Expressions & Order of Operations Digital Escape Room



The Great CLASSROOM ESCAPE

Standards

5.0A.A.1

5.0A.A.2

5th Grade Math Skills

- Evaluate expressions with brackets and braces using the order of operations
- Match word problems with numerical expressions that could be used to solve them, translate expressions

Fast Facts

 No prep, click & go! *Optional Printable Pages

 Escape Time ~45-60 minutes

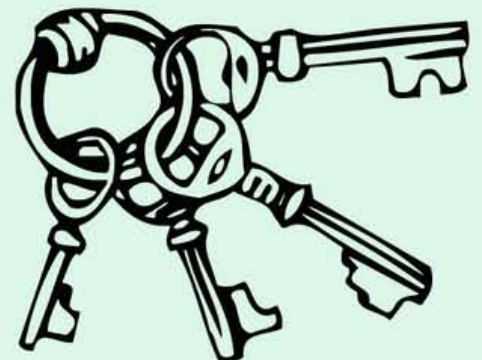
 Use individually or in small groups

 Requires internet connected device

 Self-Checking

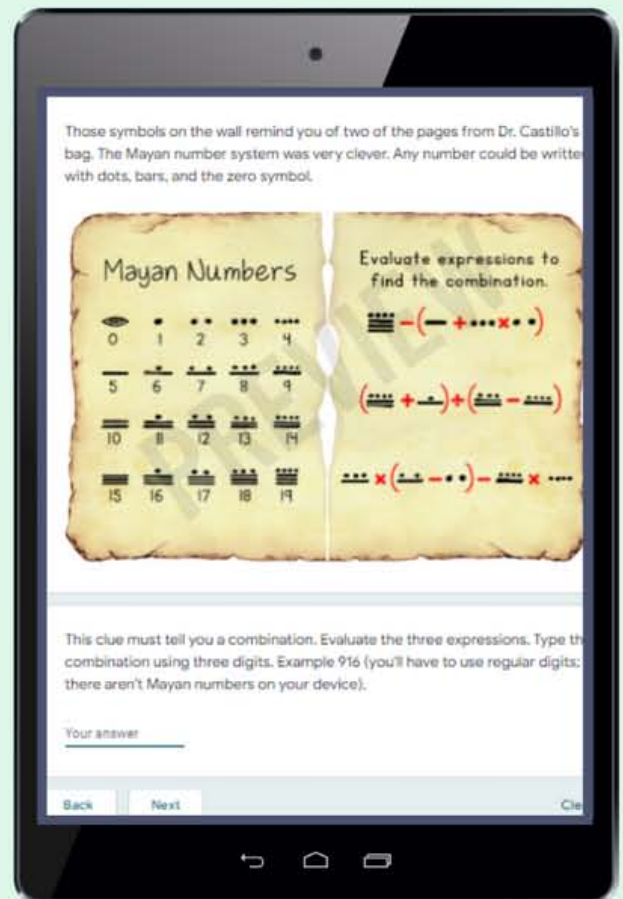
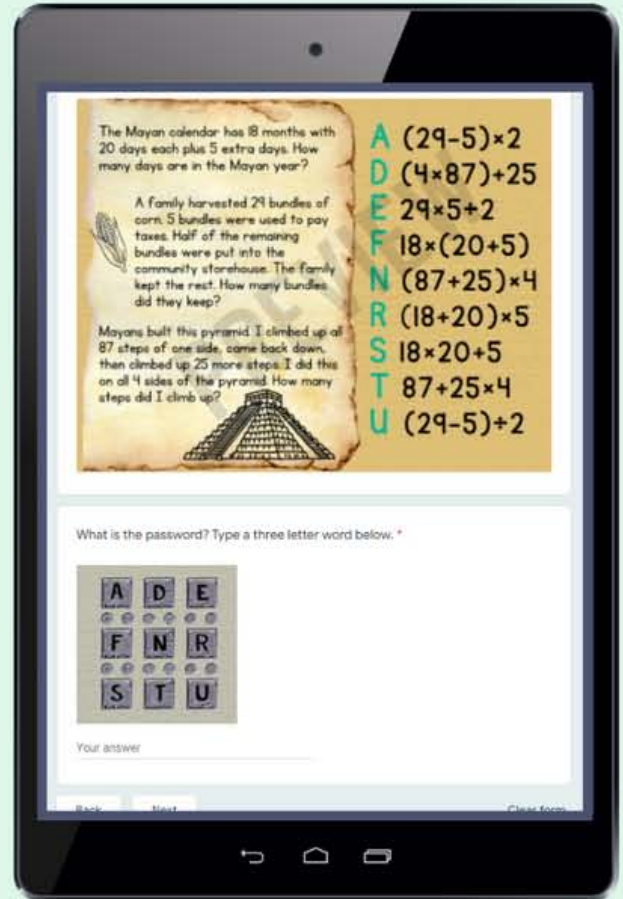
 Virtual or in-person

 Four+ 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

The Mayan calendar has 18 months with 20 days each plus 5 extra days. How many days are in the Mayan year?



A family harvested 29 bundles of corn. 5 bundles were used to pay taxes. Half of the remaining bundles were put into the community storehouse. The family kept the rest. How many bundles did they keep?

Mayans built this pyramid. I climbed up all 87 steps of one side, came back down, then climbed up 25 more steps. I did this on all 4 sides of the pyramid. How many steps did I climb up?



- A $(29-5) \times 2$
- D $(4 \times 87) + 25$
- E $29 \times 5 \div 2$
- F $18 \times (20+5)$
- N $(87+25) \times 4$
- R $(18+20) \times 5$
- S 18×2
- T $87 +$
- U $(29$

March 6, 1998
Dear Protector of the Treasure,
The tools and clues I have left you will guide you to some ancient treasure of the Maya. Please protect the treasure and be sure it gets safely to the museum.
Sincerely,
Mariana Castillo

Mayan Numbers

0	1	2	3	4
5	6	7	8	9
10	11	12	13	14
15	16	17	18	19



Mayan Numbers

0	1	2	3	4
5	6	7	8	9
10	11	12	13	14
15	16	17	18	19

Evaluate expressions and find the correct answer.

$(\text{four bars} - \text{one bar}) + (\text{two bars} - \text{one bar})$

$(\text{four bars} + \text{one bar}) \div (\text{two bars} - \text{one bar})$



$$(\text{four bars} + \text{one bar}) \div (\text{two bars} - \text{one bar})$$

$$\text{two bars} \times (\text{one bar} - \text{one dot}) - \text{four bars} \times \text{four dots}$$

Puzzle Preview

3 times the sum of 5 and 8

Divide the product of 7 and 4 by the difference between 6 and 4.

$$(6-4) \div (7 \times 4)$$

$$(7 \times 4) \div (6-4)$$

$$(7 \times 4) \div 6 - 4$$

Subtract the product of 6 and 4 from the sum of 18 and 6.

$$(18+6) - 6 \times 4$$

$$(6 \times 4) - (18+6)$$

$$6 \times (18+6) - 4$$



$$4 \times (6 + 8 \times 3)$$

$$5 \times 100 - 4 \times 50$$

$$[18 + (9 - 7)] \times 8$$

$$3 \times 50 + 15 \times 10$$

$$16 + 4 \times (15 + 25)$$

$$[95 - (18 + 7)] \times 5$$

$$8 \times 40 - 8 \times 10$$

$$10 \times (28 + 7) = 160$$

$$7 \times (8 + 2)$$

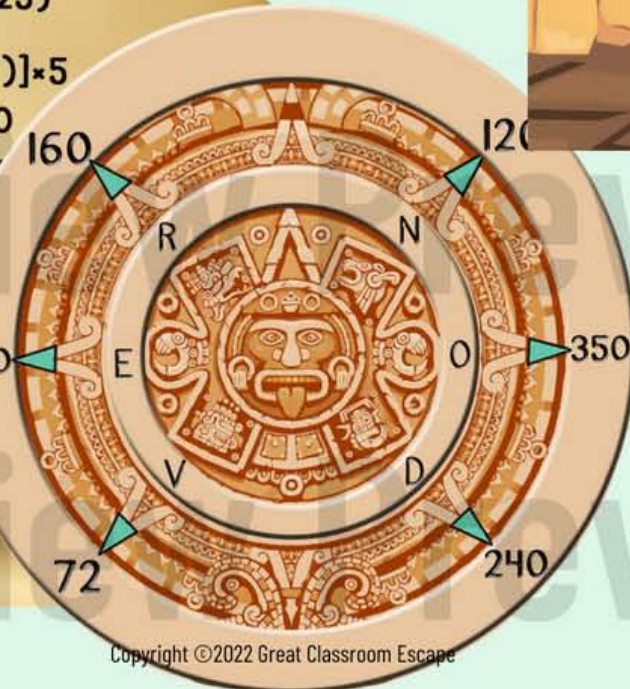
$$2 \times [(14 -$$

$$20 \times (6 \times 300)$$

$$(9 + 3) \times$$

$$50 \times (7 -$$

$$4 \times (8 + 2)$$




Optional Printable Pages



The Mayan calendar has 8 months with 20 days each plus 5 extra days. How many days are in the Mayan year?

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Mayans built this pyramid. I climbed up all 87 steps of one side, came back down, then climbed up 25 more steps. I did this on all 4 sides of the pyramid. How many steps did I climb up?




A (29-5)×2
 D (4×87)+25
 E 29×5+2
 F 18×(20+5)
 N (87+25)×4
 R (18+20)×5
 S 18×20+5
 T 87+25×4
 U (29-5)+2

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 S 18×20+5
 T 87+25×4
 U (29-5)+2



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Mayan Numbers

Evaluate expressions to find the combination.

$0 \quad 1 \quad 2 \quad 3 \quad 4$
 $5 \quad 6 \quad 7 \quad 8 \quad 9$
 $10 \quad 11 \quad 12 \quad 13 \quad 14$
 $15 \quad 16 \quad 17 \quad 18 \quad 19$

$--- - (--- + --- + ---)$
 $(--- + ---) + (--- - ---)$
 $--- \times (--- + ---) - --- \times ---$

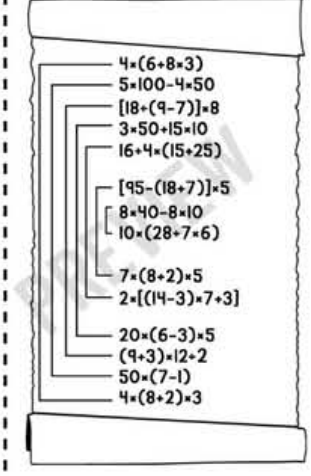
Mayan Numbers

Evaluate expressions to find the combination.

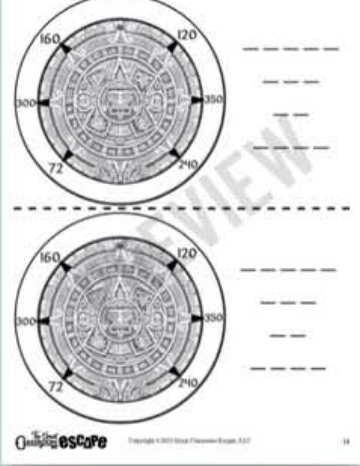
$0 \quad 1 \quad 2 \quad 3 \quad 4$
 $5 \quad 6 \quad 7 \quad 8 \quad 9$
 $10 \quad 11 \quad 12 \quad 13 \quad 14$
 $15 \quad 16 \quad 17 \quad 18 \quad 19$

$--- - (--- + --- + ---)$
 $(--- + ---) + (--- - ---)$
 $--- \times (--- + ---) - --- \times ---$

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$4 \times (6 + 8 \div 3)$
 $5 \times 100 - 4 \times 50$
 $[18 \div (9 - 7)] \times 8$
 $3 \times 50 + 15 \times 10$
 $16 \div 4 \times (15 \div 25)$
 $[95 - (18 \times 7)] \div 5$
 $8 \times 40 - 8 \times 10$
 $10 \times (28 \div 7 \times 6)$
 $7 \times (8 \div 2) \times 5$
 $2 \times [(14 - 3) \times 7 \div 3]$
 $20 \times (6 - 3) \times 5$
 $(9 \div 3) \times 12 \div 2$
 $50 \times (7 - 1)$
 $4 \times (8 \div 2) \times 3$



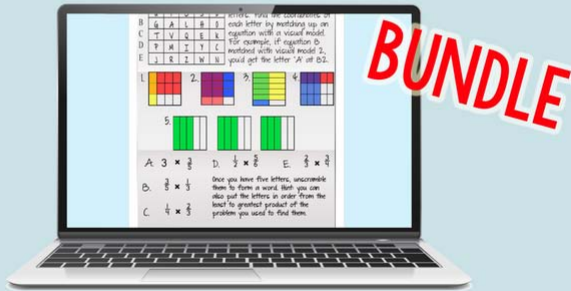
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***Printable pages for students to work out the puzzles on. These supplement the online escape room and are not a stand alone activity!**

You May Also Like

The Great CLASSROOM ESCAPE

Operations with Fractions
DIGITAL ESCAPE ROOM!

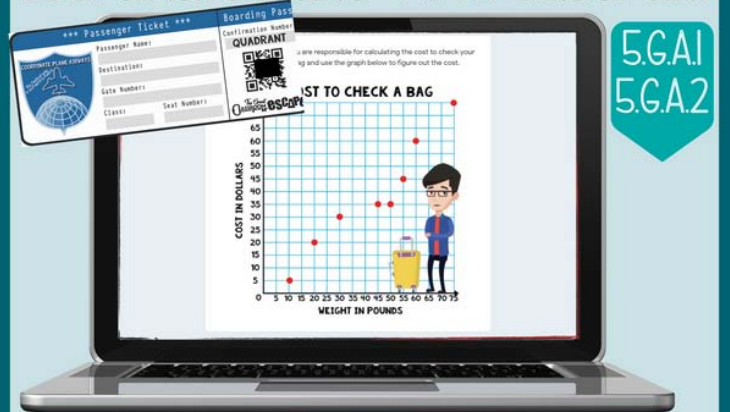


5TH GRADE MATH CONTENT

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

The Great CLASSROOM ESCAPE

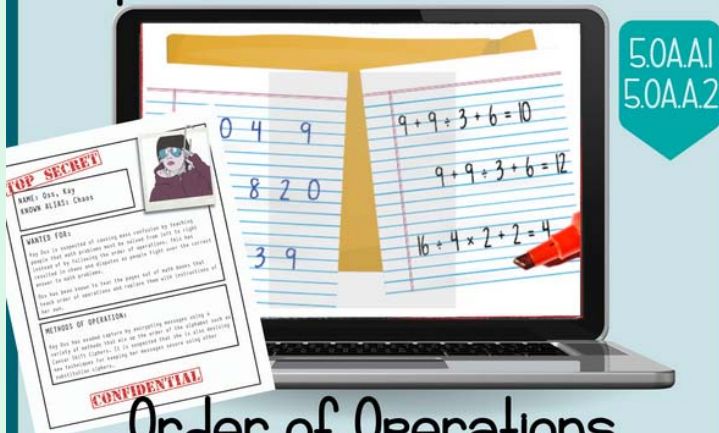
Coordinate Plane- First Quadrant



Escape the Airport
DIGITAL ESCAPE ROOM!

The Great CLASSROOM ESCAPE

Operation Restore Order



Order of Operations
DIGITAL ESCAPE ROOM!

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Adding & Subtracting Fractions
5.NF.A.1, 5.NF.A.2

**Easy to
Implement**



DIGITAL ESCAPE ROOM!

The Great CLASSROOM ESCAPE

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