



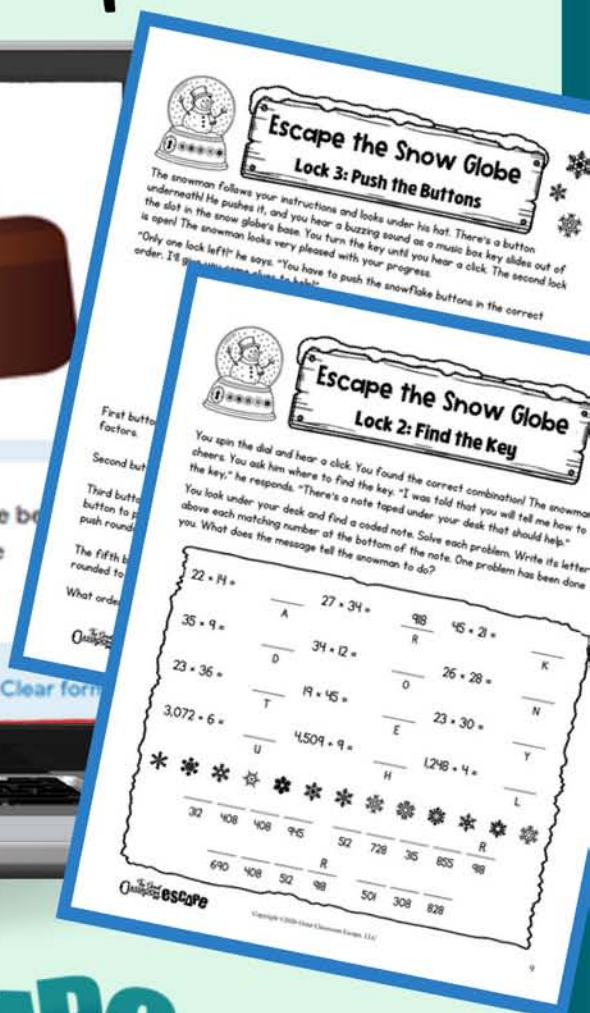
Escape the Snow Globe

The Great CLASSROOM escape

4th
Grade
Math

Quick Escape
Save the Snowman!

Print or Digital Escape Room



The Great CLASSROOM escape

Standards
4.NBT.B.5,
4.NBT.B.6,
4.OA.A.2, 4.OA.A.3

4th Grade Math Skills
Multiplying 2-digit numbers, long division
by a single digit divisor, rounding,
multiplicative comparison, & more!

Fast Facts

 **No prep digital - optional printable supplements**

 **Low-prep black-and-white printable version**

 **Escape Time ~20-45 minutes (Quick Escape)**

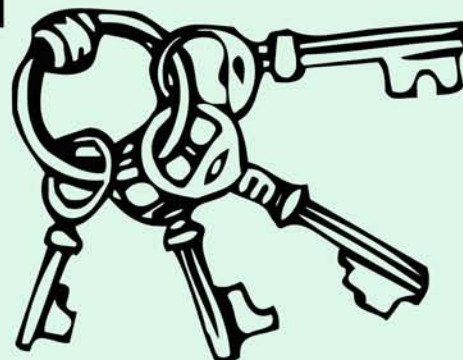
 **Complete individually or in small groups**

 **Requires internet connected device**

 **Self-Checking Digital Version**

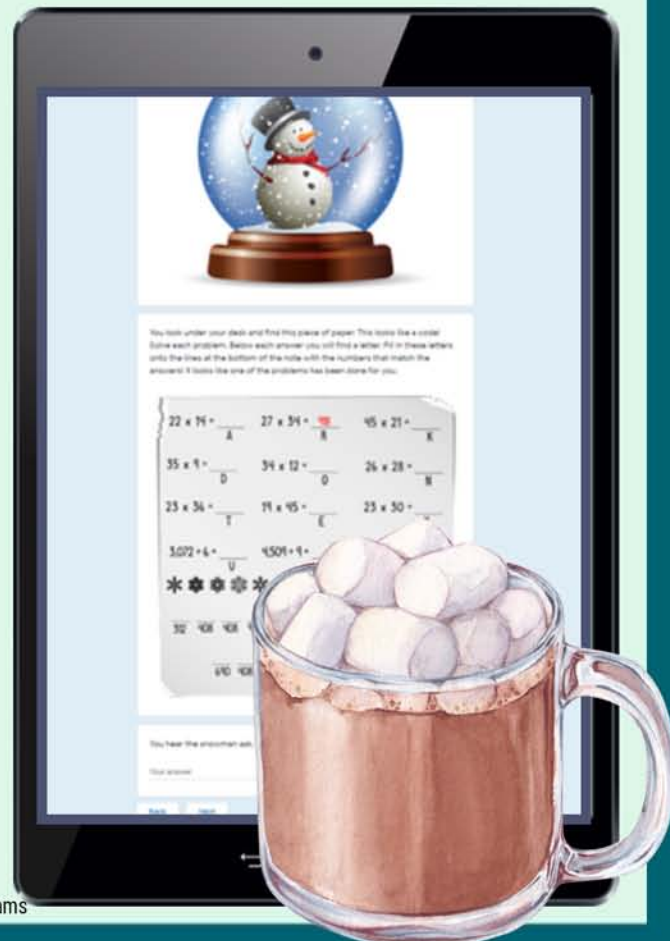
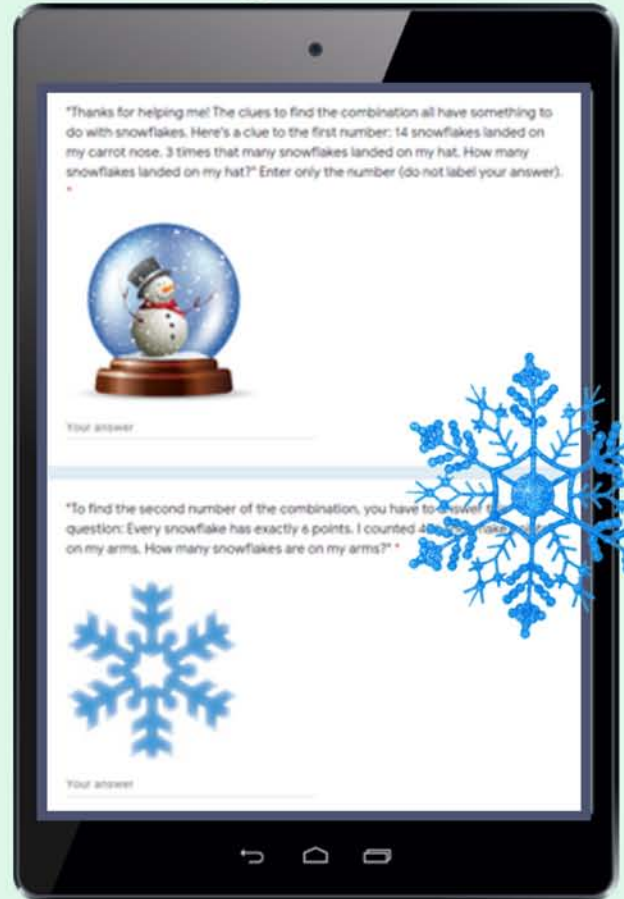
 **Virtual or In-Person**

 **Three 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 three clues, introduction, and success pages.
- 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



Quick Escape!

First button to push: The number under the button is a composite number with exactly 8 factors.

Second button: Push the button with a number that is 5 times as many as

Third button and fourth buttons to push: Both of these numbers are prime. The third button to push rounds to 30 when rounded to the nearest ten. The fourth button to push rounds to 40 when rounded to the nearest 10.

The fifth button: A composite number with four factors that rounds to 30 when rounded to the nearest ten.

What order do you push the buttons in? Enter the letters that go with each button without any spaces between them. Example: AEDCB



Your answer:

Back

Next

Clear form

$$27 \times 34 = \frac{918}{R}$$

$$45 \times 21 = \frac{\quad}{K}$$

$$34 \times 12 = \frac{\quad}{O}$$

$$26 \times 28 = \frac{\quad}{N}$$

$$19 \times 45 = \frac{\quad}{E}$$

$$23 \times 30 = \frac{\quad}{Y}$$

$$4,509 \div 9 = \frac{\quad}{H}$$

$$1,248 \div 4 = \frac{\quad}{L}$$



$$\begin{array}{r} 08 \\ 945 \end{array} \quad \begin{array}{r} 512 \\ 728 \end{array} \quad \begin{array}{r} 315 \\ 855 \end{array} \quad \begin{array}{r} R \\ 918 \end{array}$$

$$\begin{array}{r} 690 \\ 408 \end{array} \quad \begin{array}{r} 512 \\ 918 \end{array} \quad \begin{array}{r} R \\ 501 \end{array} \quad \begin{array}{r} 308 \\ 828 \end{array}$$



Puzzle Preview



"Thanks for helping me! The clues to find the combination do with snowflakes. Here's a clue to the first number: my carrot nose. 3 times that many snowflakes landed on my hat?" Enter only the number.



Your answer

"To find the second number of the combination, you have to answer this question: Every snowflake has exactly 6 points. I counted 420 points on my arms. How many snowflakes are on my arms?" *



Your answer



"The third number of the combination is a bit tricky. My carrot nose during the night. 4 times that many fell off my nose in the morning. 79 of the snowflakes melted during the afternoon. How many snowflakes are still on my nose?" *



Your answer

Optional Printable Pages

Escape the Snow Globe

Name: _____



Use the space below to write equations, draw models or arrays, and solve problems.

What is the combination to the lock?

	First Number	Second Number	Third Number
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Student
Recording
Page

Where is the key? Use this area to work out the problems. Use the back of the page for more space.

259 265 265 244 251 197 279 191 292

What order do you press the buttons?
Drawing a name



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escape

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Success
Signs

LET IT SNOW!

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