

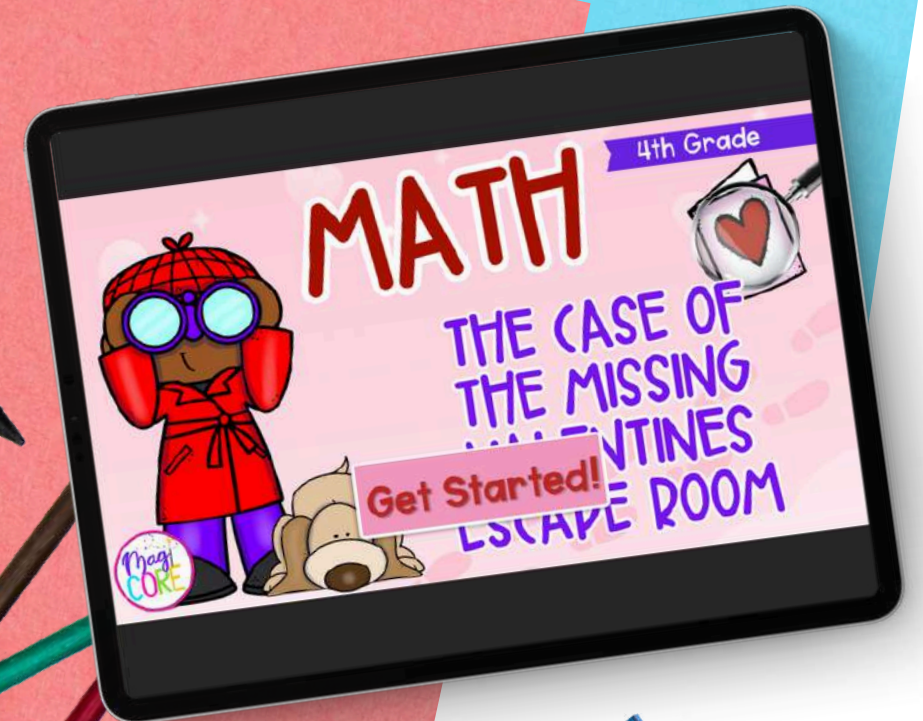
# HOLIDAY MATH



## ESCAPE ROOM BUNDLE

PRINTABLE • GOOGLE • WEBSCAPE™

# HOLIDAY MATH ESCAPE ROOM BUNDLE INCLUDES 5 HOLIDAYS



# PRINT & DIGITAL

Print

Dear Student,

Halloween is the one night a year me and my ghoulish friends can get outside and no one gives us a second glance. But with so many trick-or-treaters around, it's hard to tell who is a real spooky friend and who is just in costume.

Meet my four frightening friends before the evening ends:

1. The mummy
2. The vampire
3. The pirate
4. The jack-o-lantern

After each challenge, add each friend to the Halloween photograph.

Frightfully yours,  
The Ghost

Scan the QR code to view the video.

Webscape

At the end of each challenge, you will collect each ghoul and put them here into the Halloween photograph!

HAPPY HALLOWEEN



At the end of each challenge, cut out each ghoul and paste it into the Halloween photograph.

6. Write the towns in order from the fewest trick-or-treaters to the most trick-or-treaters.

Mapleton	2,890
Lakeview	2,890
Valley City	2,890
Elmwood	2,890

7. Using the table in question #4, which two towns had the same number of trick-or-treaters when rounded to the nearest thousand?

- Lakeview and Valley City
- Mapleton and Lakeview
- Elmwood and Lakeview
- Mapleton and Elmwood

Scan the QR code to view the video or click here.

At the end of each challenge, cut (CTRL + X) out each ghoul and paste (CTRL + V) it here into the Halloween photograph!

HAPPY HALLOWEEN

Google Slides



# HIGH- ENGAGEMENT SEASONAL REVIEW

**Challenge #3**

- Solve each fraction problem.
- Record answers on your brochure.
- Check your answers in the Catch an Elf Decoder.
- Add the sled to the workshop.
- Scan the QR code in the corner of this page.
- Move on to the challenge #4.

Rocco the elf is making Christmas cookies for Mr. and Mrs. Claus. The recipe calls for  $\frac{6}{8}$  of a cup of walnuts. He thinks finding an equivalent fraction will make things easier. Which fraction below is equivalent to  $\frac{6}{8}$ ?

a.  $\frac{6}{16}$    b.  $\frac{12}{4}$    c.  $\frac{2}{4}$    d.  $\frac{3}{4}$

Rocco needs  $\frac{3}{12}$  of a cup of walnuts for the recipe. Which fraction below is equivalent to  $\frac{3}{12}$ ?

a.  $\frac{1}{4}$    b.  $\frac{1}{3}$    c.  $\frac{1}{6}$    d.  $\frac{1}{2}$

Gigi used  $\frac{9}{15}$  of a roll of wrapping paper. Which fraction below is equivalent to  $\frac{9}{15}$ ?

a.  $\frac{3}{10}$    b.  $\frac{6}{10}$    c.  $\frac{3}{5}$    d.  $\frac{1}{2}$

Gigi used  $\frac{17}{8}$  yards of ribbon to wrap one box of wooden blocks. Help her find the mixed number.

a.  $2\frac{1}{8}$    b.  $2\frac{1}{4}$    c.  $2\frac{1}{2}$    d.  $2\frac{3}{4}$

Pedro used  $\frac{1}{2}$  of a box of scrambled eggs. Help him find the fraction of the box that is left.

a.  $\frac{1}{2}$    b.  $\frac{1}{4}$    c.  $\frac{3}{4}$    d.  $\frac{1}{8}$

After a busy day, Roberto made 12 pizzas for dinner. He cut the pizzas into 3 equal pieces. Roberto wanted to share the pizzas with his friends. How many pizzas did he have left?

a. 3   b. 4   c. 5   d. 6

Scan the QR code or click [here](#) to view the video.

**Challenge #4**

- Solve each geometry problem.
- Record answers on your brochure.
- Check your answers in the Catch an Elf Decoder.
- Add the elf to the workshop.
- Scan the QR code in the corner of this page.
- Find the fireplace and catch the elf!

Mona cut this shape out of wood to add to a block kit. What is the name of the shape?

a. isosceles triangle   b. equilateral triangle   c. acute triangle   d. scalene triangle

Mona also cut this shape out of wood for the block kit. She can't remember the name of the shape. Help her find the correct name.

a. rectangle   b. parallelogram   c. trapezoid   d. rhombus

Imani can't remember the name of the shape below. Help her find the correct name for the two-dimensional figure.

a. rectangle   b. parallelogram   c. trapezoid   d. rhombus

Roberto must wrap a toy. He finds the correct number of symmetry. It will help him how to cut the wrapping paper. How many lines of symmetry does this shape have?

a. 1   b. 2   c. 3   d. 4

Tori wants to learn facts about shapes so she can remember their names. Help her find the correct attributes that describe the parallelogram.

a. 2 sets of parallel lines   b. 2 right angles   c. all 4 sides are equal   d. opposite angles are equal

Find the equation that represents the following multiplicative comparison problem:

Gigi built 15 sleds. Gina built 6 times as many as Gigi. How many sleds did Gina make?

$15 + 15 + 15 + 15 + 15 = 75$     $15 + 6 = 21$     $6 + 6 + 6 + 6 + 6 + 6 = 36$     $15 \times 6 = 90$

Scan the QR code or click [here](#) to view the video.

# BUILD MATH SKILLS + CRITICAL THINKING THROUGH PUZZLES

1. Solve the subtraction problems.

$\begin{array}{r} 2848 \\ - 227 \\ \hline \end{array}$	$\begin{array}{r} 7687 \\ - 1543 \\ \hline \end{array}$	$\begin{array}{r} 2764 \\ - 333 \\ \hline \end{array}$	$\begin{array}{r} 5775 \\ - 553 \\ \hline \end{array}$
2621, 6154, 2421, 5322	2623, 6134, 2421, 5222	2621, 6144, 2431, 5222	2521, 6144, 2431, 5221

### Challenge #1

Click on each clue and answer the questions.  
Answer carefully, because the right answers will give you the clues to solve the challenge!

Where is the map?

It is on

Clue #1 Clue #2 Clue #3  
Clue #4 Clue #5 Clue #6

Submit

You've found the map and opened the door!

Click the map to place it into your notebook.  
You will need it later.  
Then, continue to your next challenge.

EVERYTHING YOU  
NEED — NO PREP!  
(WORKSHEETS,  
WEBSCAPES,  
ANSWER KEYS)



### Challenge #1

1. Solve each multiplication or division problem.
2. Record answers on your brochure.
3. Check your answers in the Alien Rescue Decoder.
4. Put Commander Glibnar in the spaceship.
5. Scan the QR code in the corner of the next page.
6. Move on to challenge #2.

2. The petroleum refining plant in Smog City is made up of 7 different buildings. There are 28 smokestacks in total in the plant. If each building has an equal number of smokestacks, how many smokestacks are on each building?

- a. 3 smokestacks
- b. 4 smokestacks
- c. 5 smokestacks
- d. 8 smokestacks

1. Smog City has lots of factories and, as a result, it is very smoggy. There are 8 automobile factories in Smog City. There are 6 times as many electronics factories as automobile factories. How many factories are there in total?

- a. 48 factories
- b. 56 factories
- c. 40 factories
- d. 62 factories

3. None of the residents of Smog City use public transport.

4. Commander Glibnar tries using his Air Purifying Laser to clean the air in Smog City. He can run the laser for 65 minutes before it needs to be recharged. If Commander Glibnar used the laser five times, how many minutes was it running?

- a. 225 minutes
- b. 350 minutes
- c. 185 minutes
- d. 325 minutes

6. The landfill in Smog City is overflowing, so every day they have to burn an increasing number of truckloads of trash. The pattern of how many truckloads of trash they burn per day is shown below. How many truckloads of trash will they burn on the sixth day?

3, 6, 12, 24...

- a. 48 truckloads
- b. 36 truckloads
- c. 96 truckloads
- d. 42 truckloads

5. Commander Glibnar is counting the vehicles stuck in a traffic jam. There are 452 vehicles in the traffic jam. There is an equal number of cars, vans, trucks, and motorcycles. How many of each type of vehicle is in the traffic jam?

- a. 113 of each
- b. 108 of each
- c. 97 of each
- d. 126 of each

Scan the QR code or click [here](#) to view the video.



A tablet screen displaying a math problem. The screen has a dark background with a globe and a yellow triangle containing the number '1'. The text on the screen reads: "SOLVE THE PROBLEM Smog City has lots of factories and, as a result, it is very smoggy. There are 8 automobile factories in Smog City. There are 6 times as many electronics factories as automobile factories. How many factories are there in total?". Below the text are four teal buttons with white text: "48 factories", "56 factories", "40 factories", and "62 factories".

48 factories

56 factories

40 factories

62 factories



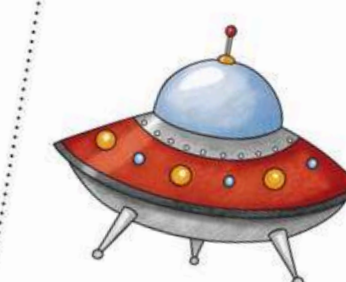
How can you help Exploration Officer Fibrar off the ice? Throw him a pool float so he can swim to safety.



ANSWER KEY



Record your challenge answers along your journey.



# FLEXIBLE USE: CENTERS, SMALL GROUPS, HOLIDAY STATIONS OR SUB PLANS

**Challenge #1**

Solve each operations problem.  
Record answers on your brochure.  
Check your answers in the Valentine Decoder.  
Add the clue to the journal.  
Scan the QR code in the corner of the next page.  
Move on to the challenge #2.

The hall monitor records the number of students arriving to school by bus each day. On Friday there were 188 students riding the bus which is four times as many students who rode the bus on Thursday. How many students rode the bus on Thursday?

a. 45 students  
b. 46 students  
c. 47 students  
d. 48 students

The hall monitor counted the number of students arriving to school on Monday morning. Twenty-five students arrived by car. On Tuesday morning she counted three times as many students arriving by car. Find the multiplication equation that represents the math for this problem.

a.  $25 + 25 = 50$   
b.  $25 \times 3 = 75$

**Challenge #2**

Solve each place value problem.  
Record answers on your brochure.  
Check your answers in the Valentine Decoder.  
Add the clue to the journal.  
Scan the QR code in the corner of the next page.  
Move on to the challenge #3.

The prankster sorted chocolate candies by two piles. There were 3,198 pieces of dark chocolate and 3,189 pieces of milk chocolate. Find the relationship that correctly compares the two numbers.

a.  $3,189 = 3,198$   
b.  $3,189 > 3,198$   
c.  $3,198 < 3,189$   
d.  $3,198 > 3,189$

The prankster scattered pink and red paper hearts throughout the school. The students collected them and put them in a bin in the office. Ms. Heart asked you to find the correct written form of the number.

Numeral	Name	Expanded Form

Help the prankster round the total number of chocolates he had in his two piles to the nearest hundred.

**Challenge #3**

Solve each fraction or decimal problem.  
Record answers on your brochure.  
Check your answers in the Valentine Decoder.  
Add the clue to the journal.  
Scan the QR code in the corner of the next page.  
Move on to the challenge #4.

The influencers used the benchmark fraction to place these fractions on the number line. Which fraction is placed incorrectly?

$0 \quad \frac{1}{3} \quad \frac{1}{4} \quad \frac{1}{2}$

a.  $\frac{1}{4}$   
b.  $\frac{2}{3}$   
c.  $\frac{1}{3}$   
d.  $\frac{2}{4}$

**1. Solve the multiplicative comparison problem.**

The hall monitor counted the number of students arriving to school on Monday morning. Twenty-five students arrived by car. On Tuesday morning she counted three times as many students arriving by car. Find the multiplication equation that represents the math for this problem.

$25 + 25 = 50$     $25 \times 3 = 75$     $2 \times 25 = 50$     $25 + 25 + 25 = 75$

# STANDARDS- ALIGNED PRACTICE THAT FEELS LIKE A GAME

