

MATH

3rd Grade



CATCH AN ELF ESCAPE ROOM

PRINTABLE • GOOGLE • WEBSCAPE™





Let's go!

Dear Student,

With the holidays so close, and so many toys to be cobbled, You-Know-Who needs every elf back in the workshop! But where could the last one be? If you want to catch an elf, you'll have to think like an elf! Follow the trail that passes through every elf's favorite things, and you're sure to find the elf you're looking for!

You must follow the trail and find these 4 items to find the missing elf:

1. Cookies
2. Snow
3. Sled
4. Fireplace

After each challenge, add the item to Santa's workshop so the toys can be finished on time!

Sincerely,

Head Elf

Find the Missing Elf!

Students won't realize they are practicing important math skills! They will be immersed in the storytelling and our original videos as they complete math challenges.

Learn more!



4 Mathematics Challenges

Challenge #2

1. Solve each multiplication or division problem.
2. Record answers on your brochure.
3. Check your answers in the Catch an Elf Decoder.
4. Add the snowflake to the workshop.
5. Scan the QR code in the corner of the next page.
6. Move on to challenge 3.

1. Find the missing number:

$$7 \times \underline{\quad} = 56$$

$$\underline{\quad} \times 7 = 56$$

$$56 \div \underline{\quad} = 7$$

$$56 \div 7 = \underline{\quad}$$

- a. 8
- b. 7
- c. 6
- d. 5

2. Find the missing equation:

$$6 \times 3 = 18$$

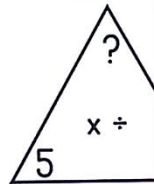
$$3 \times 6 = 18$$

$$18 \div 6 = 3$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

- a. $18 - 6 = 12$
- b. $6 + 3 = 9$
- c. $6 \div 18 = 3$
- d. $18 \div 6 = 3$

3. Which equation goes with the fact family?



Challenge #1

1. Solve each addition or subtraction problem.
2. Record answers on your brochure.
3. Check your answers in the Catch an Elf Decoder.
4. Add the cookie to the workshop.
5. Scan the QR code in the corner of the next page.
6. Move on to the challenge #2.

1. Solve the problem below:
 $487 + 276 =$

- a. 663
- b. 763
- c. 653
- d. 773

2. Solve the problem below:
 $805 - 359 =$

- a. 534
- b. 428
- c. 446
- d. 466



3. What step should you do next to solve this problem?

$$\begin{array}{r} 608 \\ - 247 \\ \hline \end{array}$$

- a. Subtract 4 - 0 to get 4 in the tens place.
- b. Regroup a hundred from the 6 since you cannot subtract 4 from 0.
- c. Regroup a ten from the 8 since you cannot subtract 4 from 0.
- d. Subtract 6 - 2 to get 4 in the hundreds place.

- a. 167
- b. 253
- c. 147
- d. 153

6. The wrapping station started out with 360 rolls of wrapping paper. The elves used 142 rolls to wrap the presents made yesterday. How many rolls are left in the wrapping station?

- a. 224 rolls
- b. 318 rolls
- c. 218 rolls
- d. 213 rolls

- Challenges focused on important math skills

- Each challenge takes about 20-30 minutes

Learn more!



4 Mathematics Challenges

- Themed videos integrated throughout the Escape Room to keep kids engaged.
- Students work in groups, partners, or independently.

Learn more!



Challenge #3

1. Solve each area and perimeter problem.
2. Record answers on your brochure.
3. Check your answers in the Catch an Elf Decoder.
4. Add the sled to the workshop.
5. Scan the QR code in the corner of the next page.
6. Move on to the challenge #4.




1. The elf stole one of your presents. To get it back, you must answer some questions. The green square below represents the top of a box. What is the area of the top of the square?

8 in 

- a. 16 square inches
- b. 64 square inches
- c. 24 square inches
- d. 56 square inches

2. What is the perimeter of the top of the square box?

8 in 
15 inches



- a. 17 feet
- b. 50 feet
- c. 20 feet
- d. 10 feet



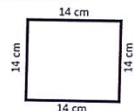
- a. Paper 1
- b. Paper 3
- c. Paper 2
- d. Any, they are the same

Challenge #4

1. Solve each shapes problem.
2. Record answers on your brochure.
3. Check your answers in the Catch an Elf Decoder.
4. Add the elf to the workshop.
5. Scan the QR code in the corner of the next page.
6. Find the fireplace and catch the elf!

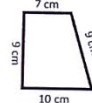


1. Which is the best way to classify the following shape?



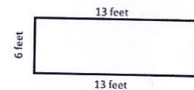
- a. Quadrilateral, rhombus, square
- b. Quadrilateral, rhombus
- c. Quadrilateral, rectangle, square, rhombus

2. Which is the best way to classify the following shape?



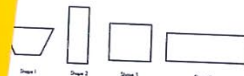
- a. Quadrilateral, rhombus
- b. Quadrilateral, trapezoid
- c. Quadrilateral, rectangle, rhombus, square
- d. Quadrilateral, square

3. Which is the best way to classify the following shape?



- a. Quadrilateral, rhombus
- b. Quadrilateral
- c. Quadrilateral, rectangle, rhombus, square
- d. Quadrilateral, rectangle

4. You want to decorate your tree with only ornaments that are quadrilaterals, but not rectangles. Which shape below could your ornaments be?



- a. Shape 1
- b. Shape 2
- c. Shape 3
- d. Shape 4

5. You want to give presents that are rectangles. What is the name of another shape that can also always be called a rectangle?



- a. triangle
- b. square
- c. rhombus
- d. trapezoid

6. The elf left you a riddle when he escaped your trap. What is the answer to the riddle below:

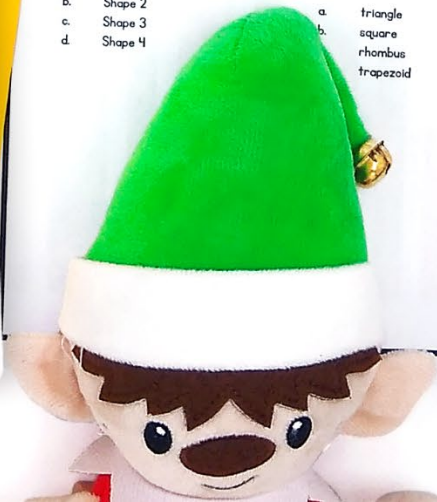
I am a quadrilateral. I am ALWAYS a parallelogram with equal sides. I am sometimes a square. What am I?

- a. rectangle
- b. square
- c. trapezoid
- d. rhombus

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



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Challenge #1

1. Solve each addition or subtraction problem.
2. Record answers on your brochure.
3. Check your answers in the Catch an Elf Decoder.
4. Add the cookie to the workshop.
5. Scan the QR code in the corner of the next page.
6. Move on to the challenge #2.



1. Solve the problem below:
 $487 + 276 =$

- a. 663
- b. 763
- c. 653
- d. 773

2. Solve the problem below:
 $805 - 359 =$

- a. 534
- b. 428
- c. 446
- d. 466

3. What step should you
to solve this problem?

$$\begin{array}{r} 608 \\ - 247 \\ \hline \end{array}$$

- a. Subtract 4 - 0
tens place.
Regroup a hundred.

1.

Solve the Addition or
Subtraction Problem

Solve the problem below:

$$487 + 276 = \boxed{}$$

- a. 663
- b. 763
- c. 653



1. Solve the problem below:

$$487 + 276 =$$

663

763

653




773

3 Versions

- Print
- Google Slides
- Webscape™ (Our most popular experience)

Learn more!



	PDF 	Google Slides 	Webscape™ 
Format Type	Printable	Digital	Digital
Device	N/A	Any Device	Any Device
Required Prep	Print & Go	Copy & Share	Zero Prep
Student Answers	Printable Answer Pamphlet	Google Sheets Decoder Tool	Integrated Challenge Hub
Self Correcting	Includes Answer Key	Self Correcting	Self Correcting
Custom Videos	QR Codes	Embedded You Tube	Embedded
Audio Readings	N/A	No Audio Readings	Contains Audio Readings
Navigation	N/A	Student Directed	Automatically Advancing
Extras	Early Finish Challenges	Movable Pieces	Interactive Animation

3 Versions

- Print
- Google Slides
- Webscape™ (Our most popular experience)

Learn more!



Print

- Cut and paste stamps for each challenge
- Easy to follow
- Optimal for group or partner work
- Recording brochure for answers
- Self-checking decoder
- Certificate of completion

Learn more!



FIND THE ELF CHALLENGE

Jessica Jones

(name)

has successfully completed the challenges and caught the missing elf!

07/12

(Date)

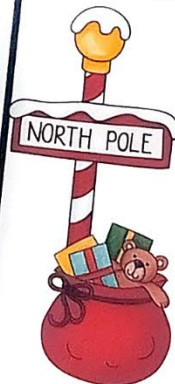
Santa Claus

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



Oops!

You ate too many cookies and got a tummy ache!



YOU MUST STAY QUIET FOR 5 MINUTES. NO SPEAKING!

Print

- OOPS! Cards for differentiation

Learn more!



Webscape TM

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!
How did you find the cookies?

I

followed

Clue #3

Clue #4

Clue #5

Clue #6

- Most interactive experience
- Self correcting
- Embedded videos
- Embedded audio
- Animation
- Simple navigation

Learn more!



Webscape TM

- No log ins or sign ups
- Works with any device that has an internet connection and web browser
- Zero prep! Just share the link with your students.

Learn more!



Google Slides

4. Solve the Area and Perimeter Problem

You have 3 pieces of wrapping paper to choose from. If you want to choose the paper with the largest area, which one should you pick?



4 feet

- a. Paper 1
- b. Paper 3
- c. Paper 2

d. Any, they all have the same area.



5 feet



3 feet

- One problem per slide
- Students drag to circle their answers

Learn more!



Google Slides

- Toggle to self-checking decoder
- Decoder will prompt at the end of each challenge whether students are correct or need to check their work.


Learn more!



Looking for More?

ESCAPE ROOM BUNDLE Math Skills

3rd Grade



Math Escape Rooms

2nd Grade 3rd Grade 4th Grade 5th Grade

MATH Fractions & Partitions Candy Factory Escape Room

Telling Time: Time Machine Escape Room

ENGAGE VIDEO TELLY STORY


2nd Grade 3rd Grade 4th Grade 5th Grade

Print and Digital

MATH: Categorize Shapes

Catch the Bandit Escape Room

3rd Grade



Dear Student,

You're having a great time visiting the big city! But while you're out seeing the sites, petty crime caught up with you. A bandit has stolen some money out of your backpack.

You must follow the bandit to catch him and get your money back.

1. Go to the waterfront.
2. Go to Chinatown.
3. Go to the park.
4. Go to Downtown.

After each challenge, add the pin to your map to catch the bandit.

Sincerely,
Friendly Neighborhood Crime Watchers


Print and Digital

MagiCORE

Fractions & Partitioning Shapes


Candy Factory Escape Room

3rd Grade Math



5. Solve the Partitioning Shapes Problem

Is each piece of the cookie equal to $\frac{1}{4}$ the area of the cookie?



The answer is: ☐

- a. No, because there are not 4 pieces.
- b. Yes, because each piece is the same size and there are 4 pieces.
- c. No, because 2 pieces are small and 2 pieces are big.
- d. Yes, because the lines on the cookie are straight.

Print and Digital

MagiCORE