

4th Grade

GEOMETRY

CATCH THE BANDIT ESCAPE ROOM

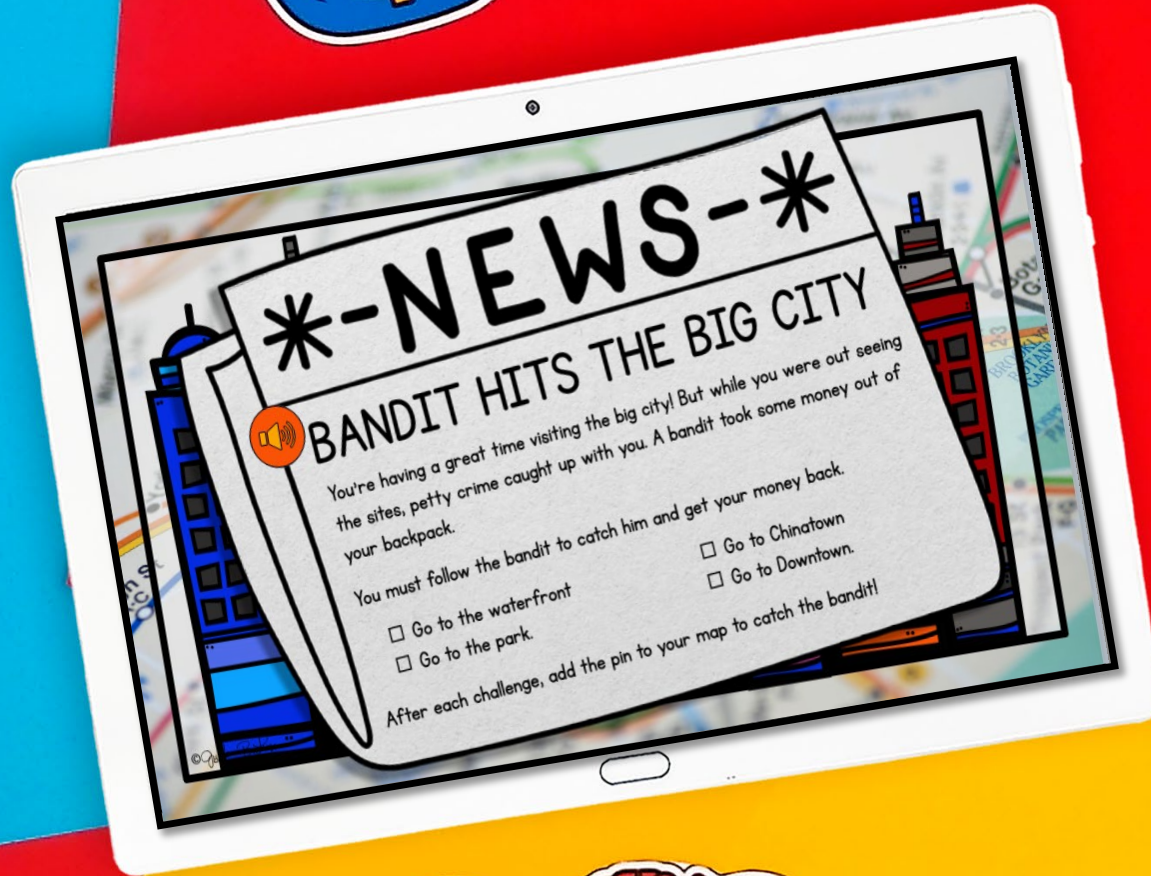


PRINTABLE • GOOGLE • WEBSCAPE™



Catch the Bandit!

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



Learn more!



4 Mathematics Challenges

- Challenges focused on Clasifying Shapes
- Each challenge takes about 20-30 minutes

Learn more!

Challenge #1

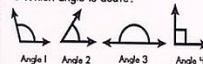
- Solve each points, lines, rays and angles problem.
- Record answers on your brochure.
- Check your answers in the Bandit Decoder.
- Add the waterfront pin to your map.
- Scan the QR code in the corner of this page.
- Move on to the challenge #2.



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

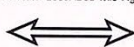


1. Which angle is acute?



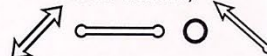
- Angle 1
- Angle 2
- Angle 3

3. Which term describes this figure?



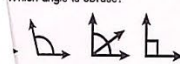
- Line
- Ray
- Line segment
- Point

5. Which of these is a ray?



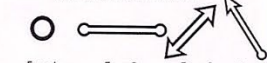
- Figure 1
- Figure 2
- Figure 3
- Figure 4

Which angle is obtuse?



- Angle 1
- Angle 2
- Angle 3

6. Which of these is a line?



- Figure 1
- Figure 2
- Figure 3
- Figure 4

Challenge #2

- Solve each points, lines, rays and angles problem.
- Record answers on your brochure.
- Check your answers in the Bandit Decoder.
- Add the chintown pin to your map.
- Scan the QR code in the corner of the page.
- Move on to the challenge #3.



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

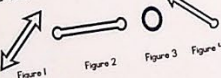


1. Which term describes this figure?



- Ray
- Line
- Point
- Line segment

2. Which of these is a point?



- Figure 1
- Figure 2
- Figure 3
- Figure 4

3. Which of these is a line?



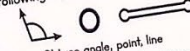
- Figure 1
- Figure 2
- Figure 3
- Figure 4

4. Which list below correctly describes the kinds of angles that appear inside the shape below?



- Acute angles, right angles, obtuse angles
- Acute angles, right angles
- Acute angles
- Obtuse angles

5. What are the terms for the following figures?



- Obtuse angle, point, line
- Acute angle, point, line segment
- Obtuse angle, point, line segment
- Acute angle, point, ray

6. Which list correctly describes kinds of angles that appear inside shape below?



- Right angles, acute angles
- Right angles
- Right angles, acute angles
- Obtuse angles

Challenge #3

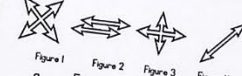
- Solve each parallel and perpendicular lines problem.
- Record answers on your brochure.
- Check your answers in the Bandit Decoder.
- Add the park pin to your map.
- Scan the QR code in the corner of the page.
- Move on to the challenge #4.



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



1. Which of these pictures shows perpendicular lines?



- Figure 1
- Figure 2
- Figure 3
- Figure 4

2. Which statement about the red and green stripes in the flag of Libya is correct?



- The red and green stripes are parallel to each other.
- The red and green stripes are perpendicular to each other.
- The red and green stripes are neither parallel nor perpendicular to each other.
- The red and green stripes are both parallel and perpendicular to each other.

3. Which term best describes the figure?



- Parallel lines
- Perpendicular lines
- Intersecting lines
- Straight lines

4. Which statement about the red stripes on the flag of Iceland is correct?



- The red stripes are parallel to each other.
- The red stripes are neither parallel nor perpendicular to each other.
- The red stripes are perpendicular to each other.
- The red stripes are both parallel and perpendicular to each other.

5. Which statement about Main Street and Market Street is correct?



- Main Street is parallel to Market Street
- Main Street is perpendicular to Market Street
- Main Street is neither parallel or perpendicular to Market Street
- Main Street is both parallel and perpendicular to Market Street

6. Which statement about Maple Street and Pine Street is correct?



- Maple Street is parallel to Pine Street
- Maple Street is perpendicular to Pine Street
- Maple Street is both parallel or perpendicular to Pine Street
- Maple Street is neither parallel nor perpendicular to Pine Street

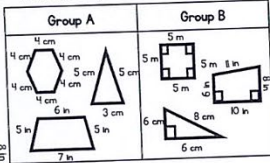
4 Mathematics Challenges

Challenge #4

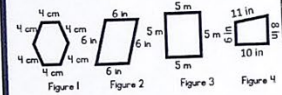
1. Solve each classify shapes problem.
2. Record answers on your brochure.
3. Check your answers in the Bandit Decoder.
4. Add the downtown pin to your map.
5. Scan the QR code in the corner of the next page.
6. Catch the bandit!

DOWNTOWN

2. You sorted shapes into 2 categories. What rule did you use to sort the shapes?



- The shape is a quadrilateral.
- The shape has no right angles.
- The shape has 4 sides of equal length.

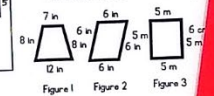


- a. Figure 1
- b. Figure 2
- c. Figure 3
- d. Figure 4

- a. The shapes in group A are all equilateral and no shapes in group B are equilateral.
- b. The shapes in group A all have 4 sides and no shapes in group B have 4 sides.
- c. None of the shapes.

3. Read the following clues and determine which shape matches all three clues:

- The shape has only 1 pair of parallel sides.
- The shape is a quadrilateral.
- The shape does not have 4 right angles.



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



4. Read the following clues and determine which shape matches all three clues:

- The shape is a quadrilateral.
- The shape is not round.
- The shape has no right angles.

5. You sorted shapes into 2 categories. What rule did you use to sort the shapes?

Group A	Group B

6. Read the following clues and determine which shape matches all three clues:

- The shape has 2 pairs of sides of equal length.
- The shape is a quadrilateral.
- The shape does not have 4 right angles.

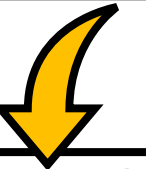
7. Read the following clues and determine which shape matches all three clues:

- All shapes in group A have at least one pair of parallel sides, but no shapes in Group B have a pair of parallel sides.
- The shapes in group A are quadrilaterals and no shapes in group B are quadrilaterals.
- None of the shapes in group A have right angles but all the shapes in group B have a right angle.
- The shapes in group A all have equal sides but the shapes in group B do not have equal sides.

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

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

Learn more!



Challenge #1

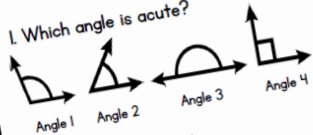
1. Solve each points, lines, rays and angles problem.
2. Record answers on your brochure.
3. Check your answers in the Bandit Decoder.
4. Add the waterfront pin to your map.
5. Scan the QR code in the corner of this page.
6. Move on to the challenge #2.

WATERFRONT

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



1. Which angle is acute?



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

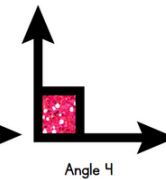
2. Which term

3. Which term describes

- a. Line
b. Ray
c. Line segment
d. Point

1 Solve the Points, Lines, Rays and Angles Problem

Which angle is acute?



1 Which angle is acute?



Angle 1

Angle 2

Angle 3

Angle 4

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

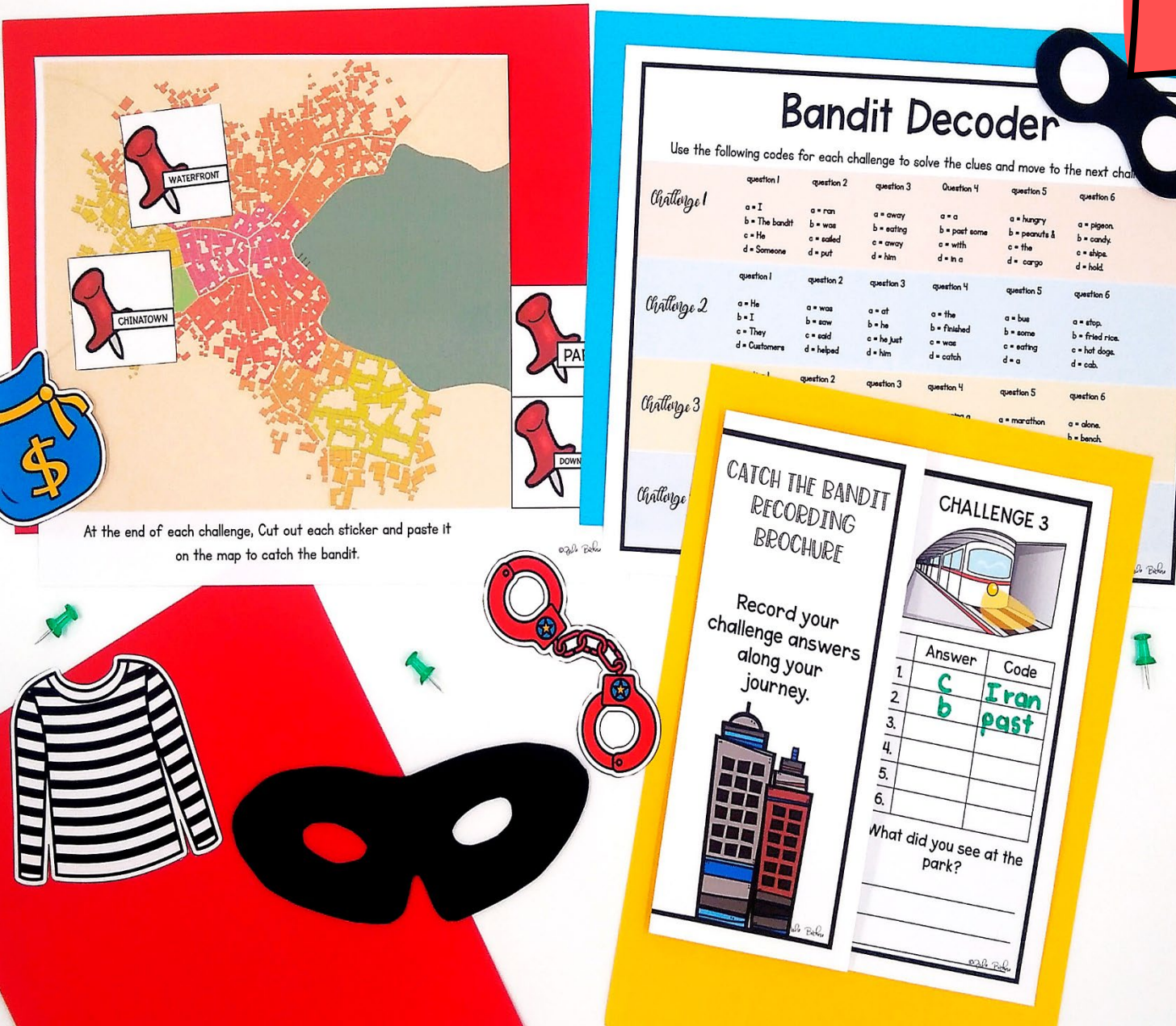
3 Versions

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

Learn more!



Print



Bandit Decoder

Use the following codes for each challenge to solve the clues and move to the next challenge.

Challenge 1

question 1	question 2	question 3	question 4	question 5	question 6
a = I b = The bandit c = He d = Someone	a = ran b = was c = called d = put	a = away b = eating c = with d = him	a = a b = past some c = the d = in a	a = hungry b = peanuts & c = the d = cargo	a = pigeon b = candy c = ships d = hold

Challenge 2

question 1	question 2	question 3	question 4	question 5	question 6
a = He b = I c = They d = Customers	a = was b = saw c = said d = helped	a = at b = he c = he just d = him	a = the b = finished c = was d = catch	a = bus b = some c = eating d = a	a = stop b = fried rice c = hot dogs d = cab

Challenge 3

CATCH THE BANDIT RECORDING BROCHURE

Record your challenge answers along your journey.

Answer	Code
1. c	Iran past
2. b	
3.	
4.	
5.	
6.	

What did you see at the park?

- 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!



Catch the Bandit Escape Room

Jhon Brown

(name)

has successfully completed the challenges and caught the bandit.

7/05

(Date)

Neighborhood
Crime Watchers

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



©Jill Baker



Ooops!

You got lost in the park.



NO HELPING YOUR TEAM FOR 3
MINUTES!

©Jill Baker

Print

- OOPS! Cards for differentiation

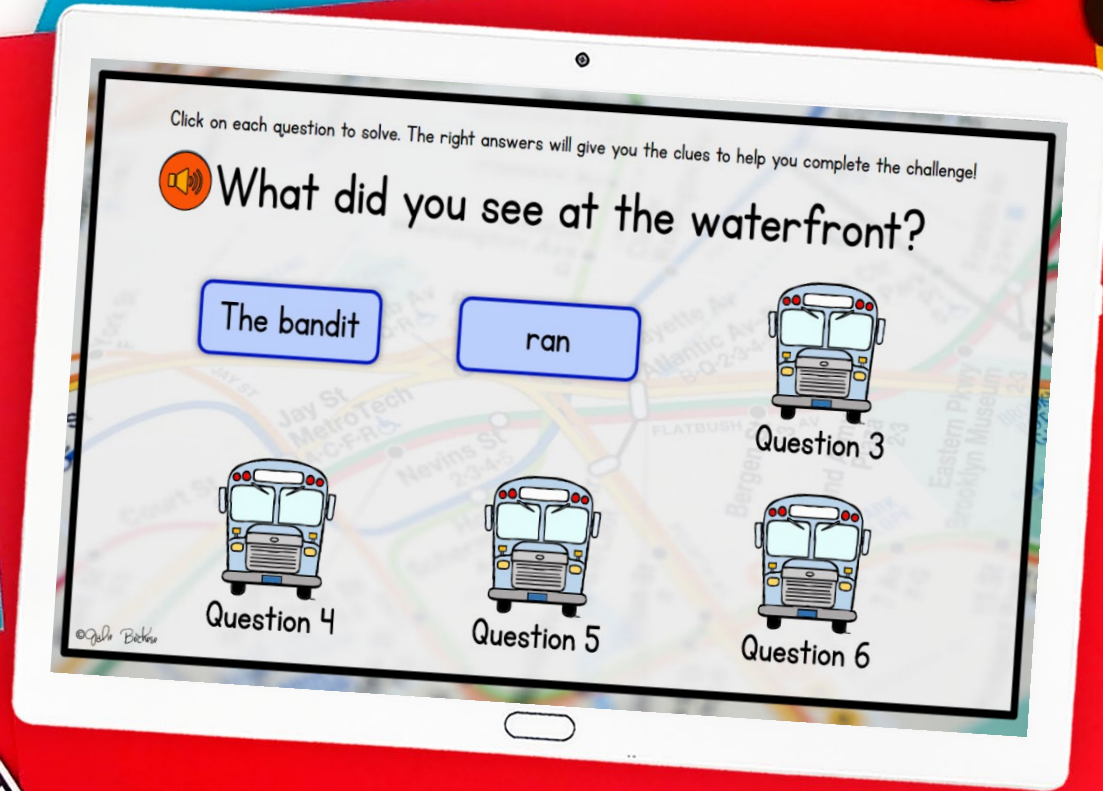
Learn more!



Webscape TM

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

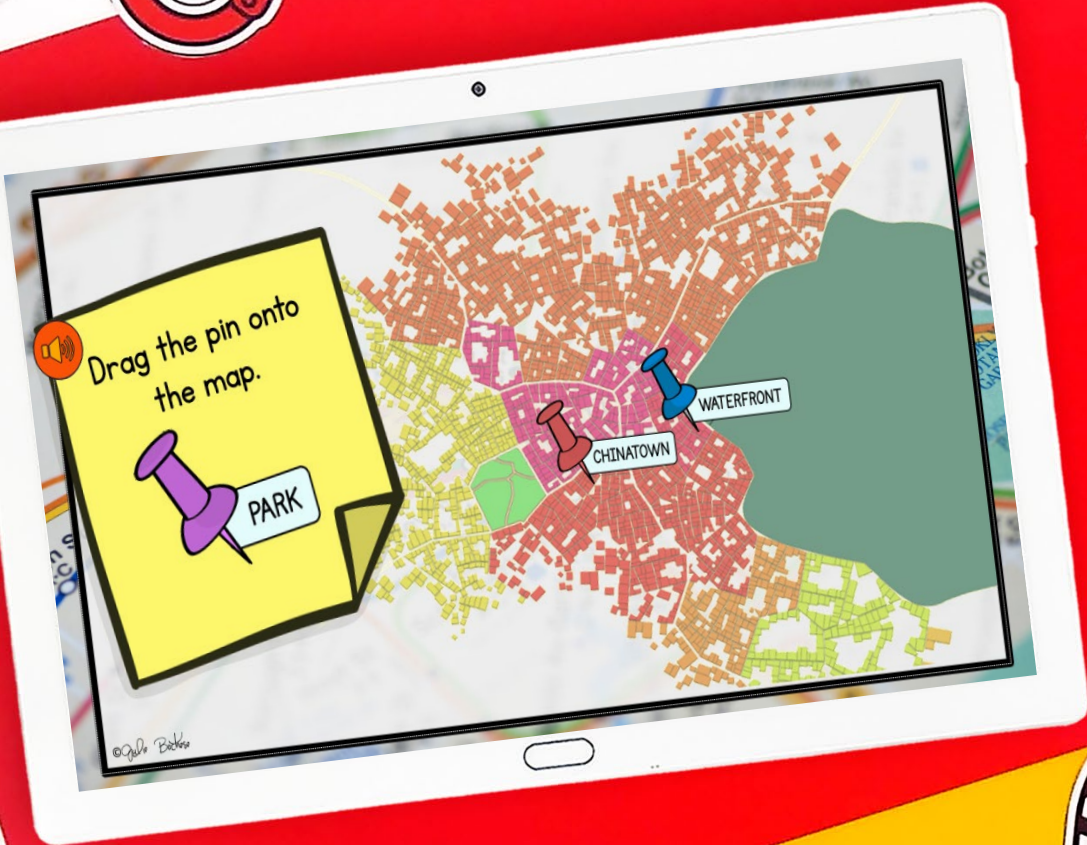
Learn more!



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

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

Learn more!



1 Solve the Classify Shapes Problems

Read the following clues and determine which shape matches all three clues:

- The shape is a quadrilateral.
- The shape has no right angles.
- The shape has 4 sides of equal length.

Figure 1: A green regular hexagon with all sides labeled 4 cm.

Figure 2: A pink rhombus with all sides labeled 6 in.

Figure 3: A blue square with all sides labeled 5 m.

Figure 4: An orange rectangle with sides labeled 11 in, 8 in, 10 in, and 6 in.

The answer is:

a. Figure 1
b. Figure 2
c. Figure 3
d. Figure 4

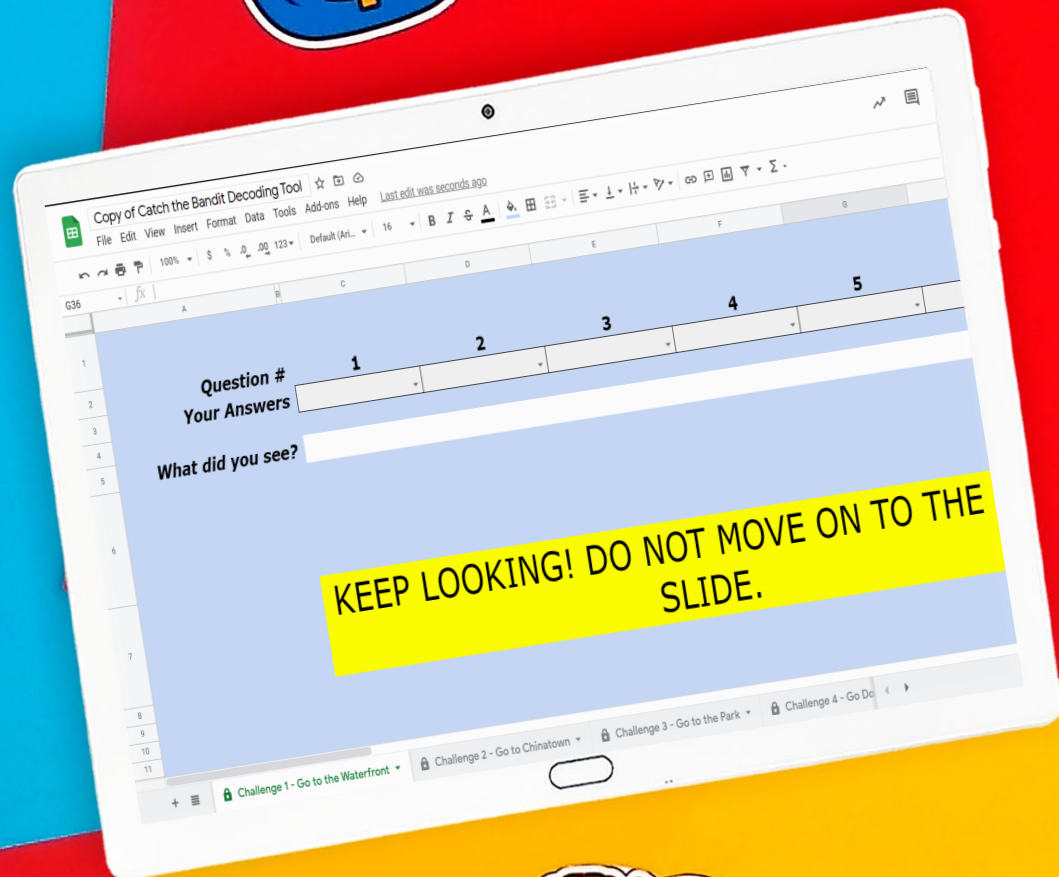
☐ a



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

4th Grade



The image shows a girl with brown hair, a pink bow, and a purple dress holding a large silver key. She is standing next to a tablet that displays a menu of 'Math Escape Rooms'. The menu includes options for 2nd, 3rd, 4th, and 5th grades. The 4th grade option is highlighted. The tablet also shows a 'Telling Time: Time Machine Escape Room' and a 'Math Fractions & Mixed Numbers' escape room. A green banner at the bottom left says 'Print and Digital'.

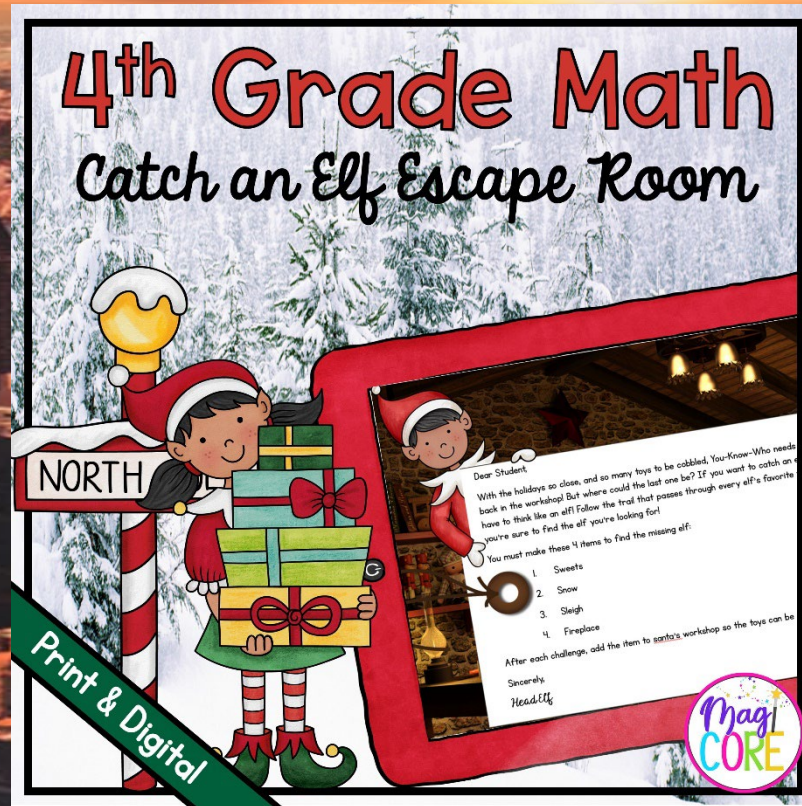
Math Escape Rooms

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

Telling Time: Time Machine Escape Room

Print and Digital

4th Grade Math Catch an Elf Escape Room



The image shows an elf in a red suit and hat holding a stack of wrapped gifts. He is standing next to a tablet that displays a math escape room. The tablet shows a 'Dear Student' letter and a list of items to find: Sweets, Snow, Sleigh, and Fireplace. A green banner at the bottom left says 'Print & Digital'. The background is a snowy winter scene with a sign that says 'NORTH'.

4th Grade Math
Catch an Elf Escape Room

NORTH

Print & Digital

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

You must make these 4 items to find the missing elf:

1. Sweets
2. Snow
3. Sleigh
4. Fireplace

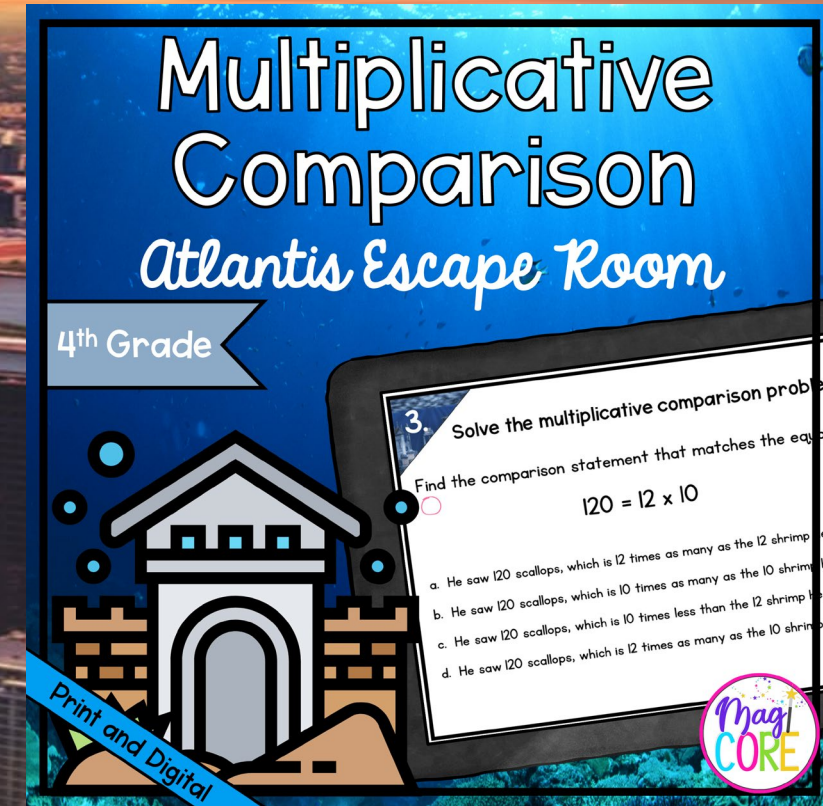
After each challenge, add the item to Santa's workshop so the toys can be made.

Sincerely,
Head Elf

MagiCORE

Multiplicative Comparison Atlantis Escape Room

4th Grade



The image shows a girl with brown hair, a pink bow, and a purple dress holding a large silver key. She is standing next to a tablet that displays a math escape room. The tablet shows a '3. Solve the multiplicative comparison problem' and a list of options. A blue banner at the bottom left says 'Print and Digital'. The background is a blue sky with a white building and a sign that says 'Atlantis'.

Multiplicative Comparison
Atlantis Escape Room

4th Grade

3. Solve the multiplicative comparison problem
Find the comparison statement that matches the equation.

$120 = 12 \times 10$

- a. He saw 120 scallops, which is 12 times as many as the 12 shrimp he saw.
- b. He saw 120 scallops, which is 10 times as many as the 10 shrimp he saw.
- c. He saw 120 scallops, which is 10 times less than the 12 shrimp he saw.
- d. He saw 120 scallops, which is 12 times as many as the 10 shrimp he saw.

Print and Digital

MagiCORE