

4th Grade

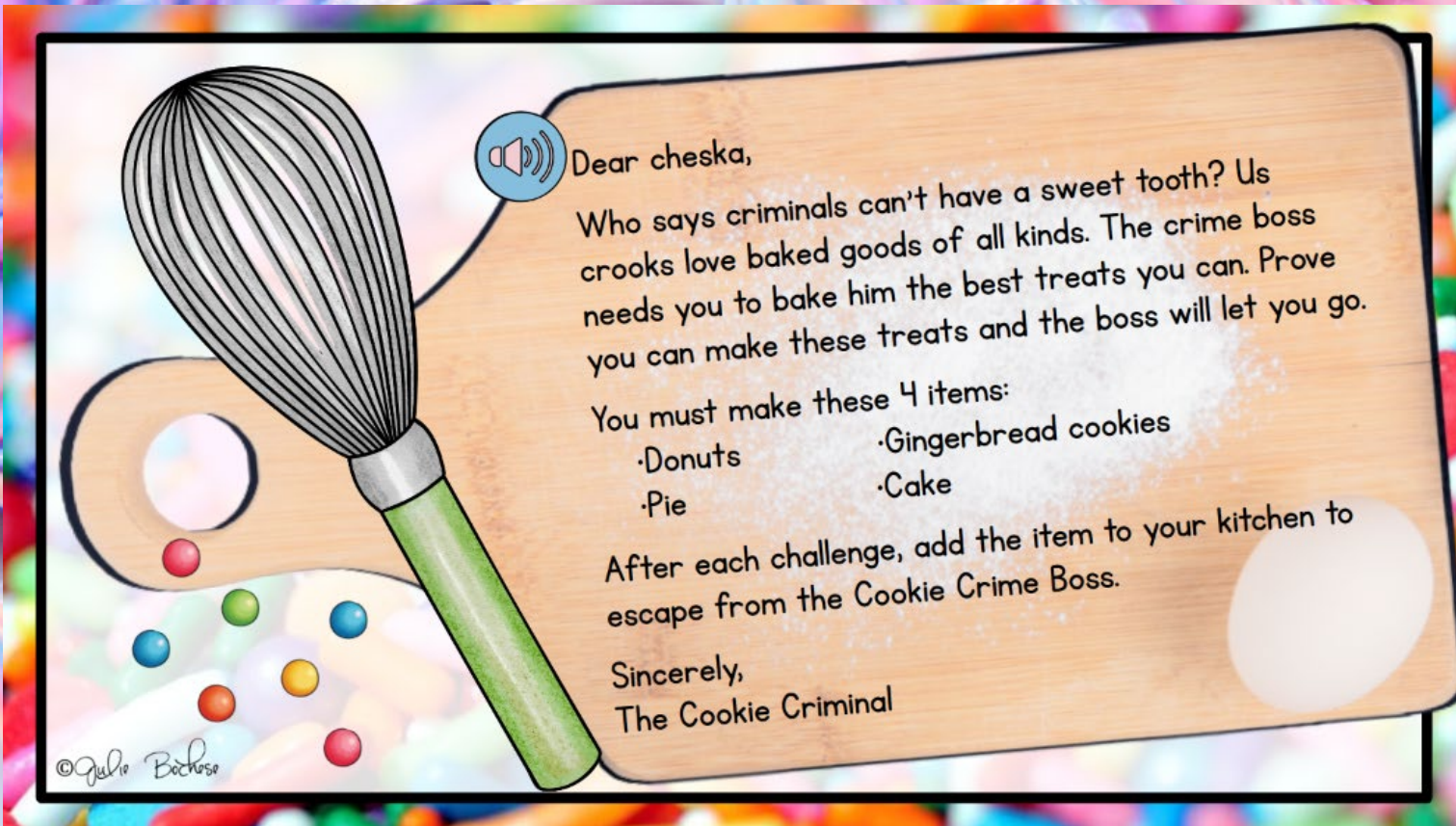
SYMMETRY



BAKING ESCAPE ROOM

PRINTABLE • GOOGLE • WEBSCAPE™

Mag
CORE



Bake the best treats!

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

Learn more! 

4 Mathematics Challenges

Challenge #1

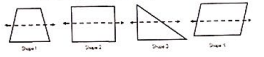


Scan the QR code or click [here](#) to view the video.



- Solve each "Identify lines of symmetry problem."
- Record answers on your brochure.
- Check your answers in the Baking Decoder.
- Add the donut to your kitchen.
- Scan the QR code in the corner of this page.
- Move on to the challenge #2.

1. Which of the following shapes shows a line of symmetry?



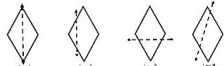
- Shape 1
- Shape 2
- Shape 3
- Shape 4

3. Which of the following shapes shows a line of symmetry?



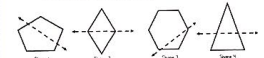
- Shape 1
- Shape 2
- Shape 3
- Shape 4

5. Which line divides the shape symmetrically?



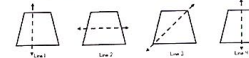
- Line 1
- Line 2
- Line 3
- Line 4

2. Which of the following shapes shows a line of symmetry?



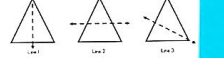
- Shape 1
- Shape 2
- Shape 3
- Shape 4

4. Which line divides the shape symmetrically?



- Line 1
- Line 2
- Line 3
- Line 4

6. Which line divides the shape symmetrically?



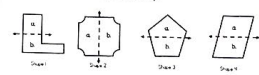
- Line 1
- Line 2
- Line 3
- Line 4

Challenge #2



- Solve each "Identify lines of symmetry problem."
- Record answers on your brochure.
- Check your answers in the Baking Decoder.
- Add the gingerbread to your kitchen.
- Scan the QR code in the corner of the next page.
- Move on to the challenge #3.

1. Which of the following shapes shows a line of symmetry?



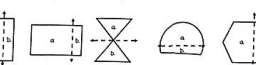
- Shape 1 shows a line of symmetry because both a and b have the same area.
- Shape 2 shows a line of symmetry because a and b are mirror images of each other.
- Shape 3 shows a line of symmetry because both a and b have the same area.
- Shape 4 shows a line of symmetry because a and b are mirror images of each other.

2. Which of the following shapes shows a line of symmetry?



- Shape 1 shows a line of symmetry because a and b are mirror images of each other.
- Shape 2 shows a line of symmetry because both a and b have the same area.
- Shape 3 shows a line of symmetry because a and b are mirror images of each other.
- Shape 4 shows a line of symmetry because both a and b are rectangles.

3. Which line divides the shape symmetrically?



- Shape 1 shows a line of symmetry because both a and b are rectangles.
- Shape 2 shows a line of symmetry because a and b are mirror images of each other.
- Shape 3 shows a line of symmetry because the line is across the middle of the shape.
- Shape 4 shows a line of symmetry because both a and b have the same area.



- Challenges focused on Symmetry
- 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!

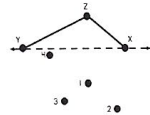


Challenge #4

1. Solve each "make symmetrical shapes" problems.
2. Record answers on your brochure.
3. Check your answers in the Baking Decoder.
4. Add the cake to your kitchen.
5. Scan the QR code in the corner of the next page.
6. Make the treats and escape the boss!

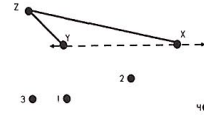


1. Connect points X and Y to one of the numbered points to create a quadrilateral that is symmetrical across the dashed line.



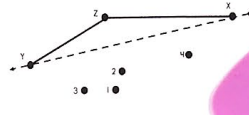
a. Point 1

2. Connect points X and Y to one of the numbered points to create a quadrilateral that is symmetrical across the dashed line.



a. Point 1

3. Connect points X and Y to one of the numbered points to create a quadrilateral that is symmetrical across the dashed line.



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

Challenge #3

1. Solve each "draw lines of symmetry" problem.
2. Record answers on your brochure.
3. Check your answers in the Baking Decoder.
4. Add the pie to your kitchen.
5. Scan the QR code in the corner of this page.
6. Move on to the challenge #4!



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

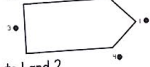


1. Which 2 of the following points can you connect to make a line of symmetry?



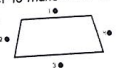
- a. Points 1 and 2
- b. Points 2 and 3
- c. Points 1 and 3
- d. Points 1 and 4

3. Which 2 of the following points can you connect to make a line of symmetry?



- a. Points 1 and 2
- b. Points 2 and 3
- c. Points 1 and 3
- d. Points 1 and 4

2. Which 2 of the following points can you connect to make a line of symmetry?



- a. Points 1 and 2
- b. Points 2 and 3
- c. Points 1 and 3
- d. Points 1 and 4

4. Which 2 of the following points can you connect to make a line of symmetry?



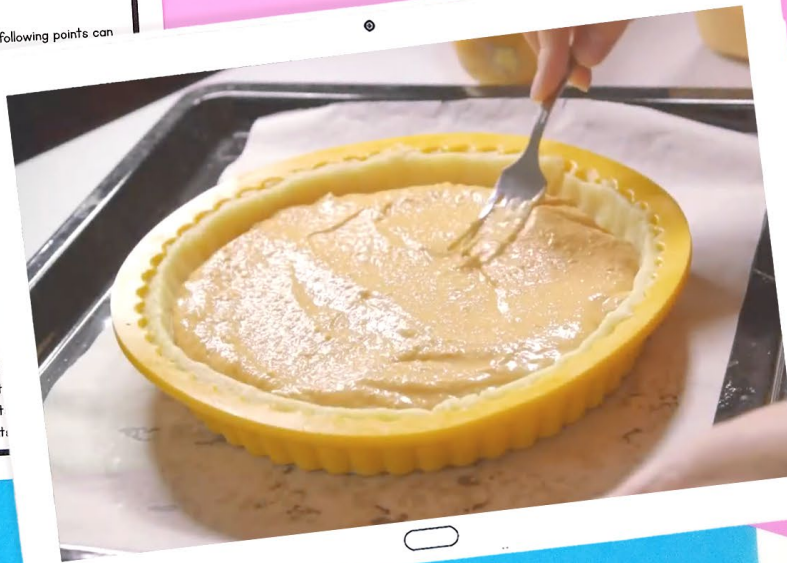
- a. Points 1 and 2
- b. Points 2 and 3
- c. Points 1 and 3
- d. Points 3 and 4

5. Which 2 of the following points can you connect to make a line of symmetry?

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

6. Which 2 of the following points can you connect to make a line of symmetry?

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



3 Versions

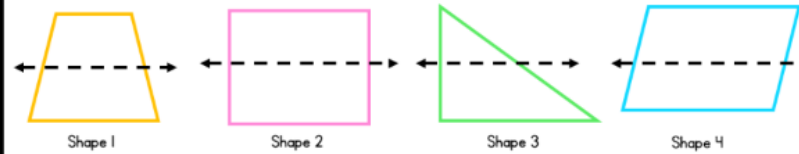
- Print
- Google Slides
- Webscape™ (Our most popular experience)

Learn more!



1 Identify Lines of Symmetry

Which of the following shapes shows a line of symmetry?



The answer is:

- a. Shape 1
- b. Shape 2



Challenge #1



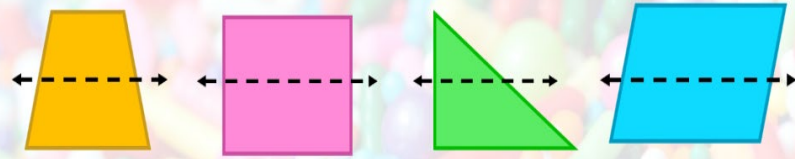
1. Solve each "Identify lines of symmetry" problem.
2. Record answers on your brochure.
3. Check your answers in the Baking Decoder.
4. Add the donut to your kitchen.
5. Scan the QR code in the corner of this page.
6. Move on to the challenge #2.

1. Which of the following shapes shows a line of symmetry?

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



Which of the following shapes shows a line of symmetry?



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3 Versions

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

Learn more! 

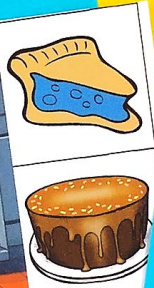
Print

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

Learn more!



At the end of each challenge, Cut out each sticker and paste it in the bakery to make the treats and escape the boss!



Baking 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 frosted b = I fried c = I cut d = I put | a = them b = the c = I cut d = rainbow | a = before b = donuts c = dough d = sprinkles | a = cooking in b = then c = | | a = all b = them c = asked them d = ough |

Challenge 2

- | | |
|-----------------------------------|------------|
| question 1 | question 2 |
| a = I rolled b = I used c = | |

Challenge 3

Challenge 4

BAKING RECORDING BROCHURE

Record your challenge answers along your journey.



| | Answer | Code |
|----|--------|----------|
| 1. | b | I poured |
| 2. | c | fruit |
| 3. | | |
| 4. | | |
| 5. | | |
| 6. | | |

How did you make the pie?



Print

Ooops!
You burned the donuts.



YOU MUST STAY QUIET FOR 5
MINUTES. NO SPEAKING!

Baking Escape Room

Karen Chan

(name)

has successfully completed the
challenges and escaped the boss.

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

12 / 02

(Date)



The Cookie Osminal

- Certificate of completion
- OOPS! Cards for differentiation

Learn more!



Webscape™



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

Learn more!

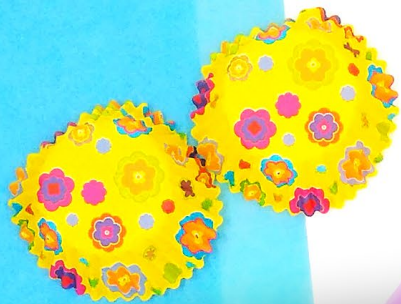


Bake

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

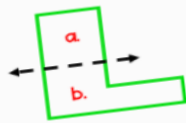
- One problems per slide
- Students drag to circle their answers

Learn more!

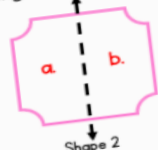


1 Identify Lines of Symmetry

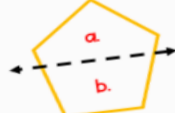
Which of the following shapes shows a line of symmetry?



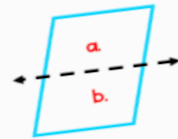
Shape 1



Shape 2



Shape 3



Shape 4

The answer is:

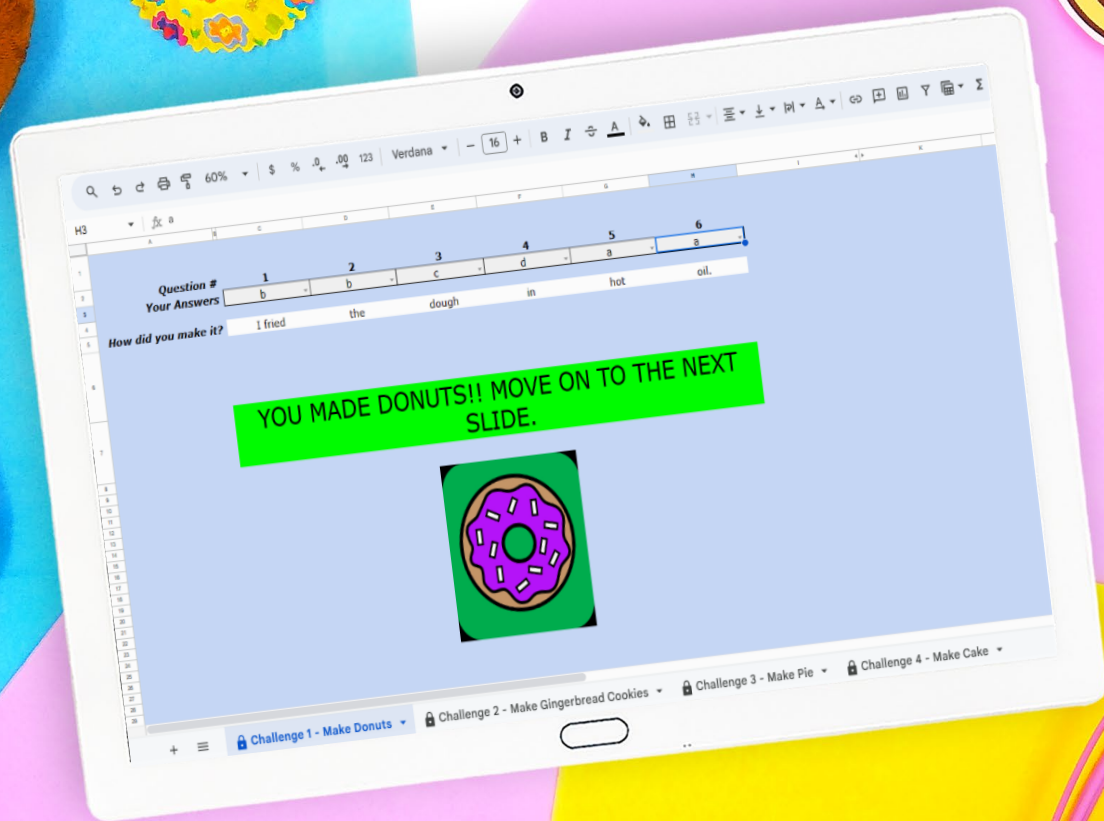
- a. Shape 1 shows a line of symmetry because both a and b have the same area.
- b. Shape 2 shows a line of symmetry because a and b are mirror images of each other.
- c. Shape 3 shows a line of symmetry because both a and b have the same area.
- d. Shape 4 shows a line of symmetry because a and b are mirror images of each other.

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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?



4th Grade

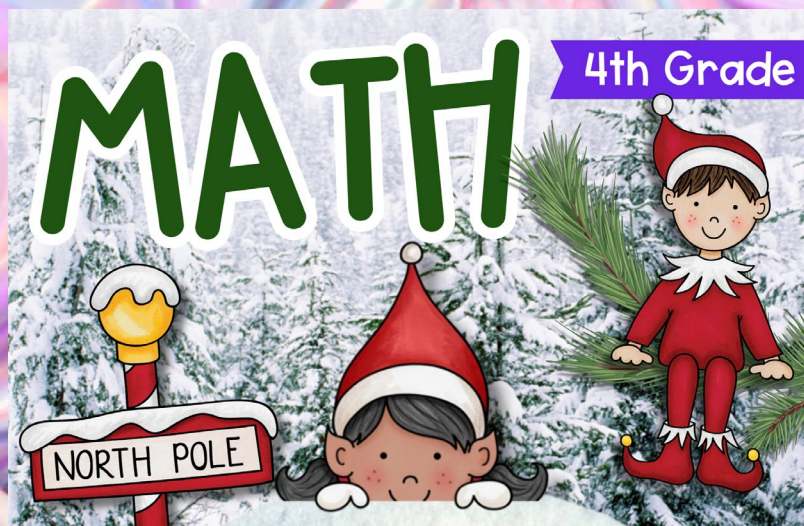
MATH SKILLS ESCAPE ROOMS BUNDLE



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MATH

4th Grade



CATCH AN ELF ESCAPE ROOM

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MULTIPLICATIVE COMPARISON

4th Grade

ATLANTIS ESCAPE ROOM

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