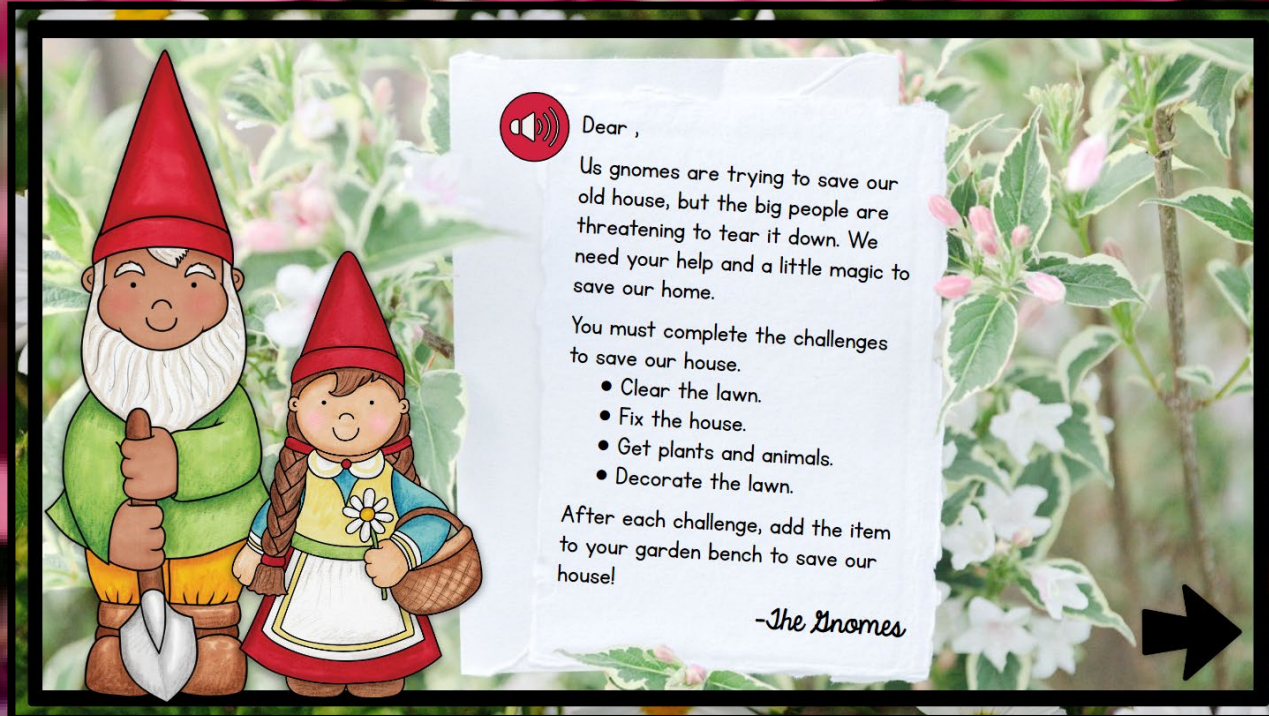# WORD PROBLEMS

GARDEN GNOME ESCAPE ROOM

MagiCore

Let's Go Help the Gnomes!

Students won't realize they are practicing 2-Step Word Problems skills! They will be immersed in the storytelling and our original videos as they complete reading comprehension challenges.

Learn more!

4 Mathematics Challenges

- Challenges focused on 2-Step Word Problems
- Each challenge takes about 20-30 minutes

Learn more!

Challenge #1

1. Estimate each word problem.
2. Record answers on your brochure.
3. Check your answers in the Gnome Decoder.
4. Add the grass to your garden bench.
5. Scan the QR code in the corner of the next page.
6. Move on to the challenge #2.

1. Sal is planting a garden with 52 rows. He already planted 18 rows yesterday. He plans to plant 10 rows each day until he finishes planting the garden. Estimate how many days it will take Sal to finish planting the garden.

Show your Work

a. 7 days
b. 10 days
c. 5 days
d. 3 days

2. On Monday, Claire picked 41 carrots from the garden. On Tuesday, Claire ate 19 carrots. Now, she wants to divide the remaining carrots into bags of 4 carrots each. Estimate how many bags of 4 carrots Claire can make.

Show your Work

a. 12 bags
b. 5 bags
c. 16 bags
d. 8 bags

3. There were 4 families worki... garden on Saturday. They o... large pizzas, and each pizza... slices. Estimate how many ... pizza each family can have ... pizzas are shared equally c... 4 families.

Show your Work

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4. Armond took a break and read 42 pages from his 137-page magazine. He will spend the next 10 days reading the same number of pages each day until he finishes. Estimate how many pages Armond will need to read each day.

Show your Work

a. 50 pages
b. 10 pages
c. 18 pages
d. 400 pages

5. The gnomes have 28 garden carts. Each cart has 4 wheels. They have to replace all the wheels on the carts. They have 14 wheels right now. Estimate the total number of wheels they need to buy.

Show your Work

a. 100 wheels
b. 150 wheels
c. 25 wheels
d. 88 wheels

6. The gnomes have a container of compost that weighed 32 ounces. Monday, they added 47 ounces of compost. During the week, they use... some of the compost on the garde... At the end of the week, the container weighed 61 ounces. Estimate how many ounces of compost the gnomes used during the week.

Show your Work

a. 1 ounce
b. 20 ounces

Challenge #2

1. Solve each word problem.
2. Record answers on your brochure.
3. Check your answers in the Gnome Decoder.
4. Add the paint can to your garden bench.
5. Scan the QR code in the corner of the next page.
6. Move on to the challenge #3.

1. The gnomes had a sack of seeds that weighed 56 ounces. I gave them 16 more ounces of seeds to put in the sack. Then, I divided the seeds evenly into bags that weighed 8 ounces each for planting. How many bags of seeds did I make?

Show your Work

a. 7 bags
b. 9 bags
c. 12 bags
d. 16 bags

2. You have 28 ounces of paint. If you divide the paint into cans of 8 ounces each, there will be 4 ounces of paint left over. How many 8-ounce cans of paint can you make?

Show your Work

a. 3 cans
b. 4 cans
c. 6 cans
d. 7 can...

3. The gnomes love candy. Papa gnome has 75 jellybeans in a bowl. Each day, he eats 6 jellybeans. How many jellybeans are in the bowl after 9 days?

Show your Work

a. 33 jellybeans
b. 69 jellybeans
c. 54 jellybeans
d. 21 jellybeans

Challenge #3

1. Solve each word problem.
2. Record answers on your brochure.
3. Check your answers in the Gnome Decoder.
4. Add the flowerpot to your garden bench.
5. Scan the QR code in the corner of the next page.
6. Move on to the challenge #4.

1. You started with 47 sunflower seeds. Then, 6 of the gnomes each gave you 7 sunflower seeds. How many sunflower seeds do you have now?

   Show your Work

   a. 42 sunflower seeds

2. You had $56. The gnomes paid you $16 for painting the house. You spent all of your money to buy 8 movie tickets. How much did each movie ticket cost?

   Show your Work

   a. $6

3. Selma wants a bee colony with 84 bees. She has been introducing 12 new bees each day. She still needs more bees for her colony. How many days has she been introducing new bees?

   Show your Work

   a. 6 days

4. You have a bag with 23 seeds to plant. Yesterday, you planted 8 of the seeds. Now, you want to divide the remaining seeds into bags of 5 seeds each to save in the shed. Which equation could you use to find out how many bags (b) of seeds you will have?

   Show your Work

   + 8) ÷ 5 = b
) ÷ 5 = b
   5 = b
   = b

5. You bought an 82-ounce bag of potting soil. You planted 6 pots of flowers on the porch with 9 ounces of soil in each pot. Which equation could you use to find out how many ounces (o) of potting soil are left in the bag?

   Show your Work

   a. $(82 - 6) \div 9 = o$
   b. $82 - 6 - 9 = o$
   c. $(82 - 6) \times 9 = o$
   d. $82 - 6 \times 9 = o$

6. The gnomes are having a turtle race. A turtle ran 10 meters per minute for 9 minutes of a race. Then, she ran 66 more meters to finish the race. Which equation can we use to find the total number of meters (m) in the race?

   Show your Work

   a. $10 + 9 + 66 = m$
   b. $(10 + 66) \div 9 = m$
   c. $10 \times 9 + 66 = m$
   d. $66 - 10 \times 9 = m$

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

Challenge #4

1. Solve each ___ation problem.
2. Record answers on your brochure.
3. Check your answers in the Gnome Decoder.
4. Add the toadstool to your garden bench.
5. Scan the QR code in the corner of the next page.
6. Save the gnome's house!

1. When the gnomes first started their collection of lawn decorations, they had 8 decorations. Over the summer, they collected 48 additional decorations. At the end of the summer, they gave away some of their decorations to their friends, but they still have 49 decorations left. Which equation could they use to figure out how many decorations (d) they gave away to friends?

   Show your Work

   a. $48 \div 8 + 49 = d$
   b. $48 \div 8 - 49 = d$
   c. $8 - 48 - 49 = d$
   d. $8 + 48 + 49 = d$

2. The compost container had 42 ounces of compost. On Tuesday, I added 53 ounces of compost to the container. The rest of the week, I used some compost on the garden. At the end of the week, the container had 38 ounces of compost remaining. Which equation could I use to find out how many ounces (o) of compost I used during the week?

   Show your Work

   a. $42 + 53 - 38 = o$
   b. $42 - 53 + 38 = o$
   c. $42 + 53 + 38 = o$
   d. $42 - 53 - 38 = o$

3. You have been bird ___ some of the gnomes. You ___ birds on each of the first 3 days you watched. On the 4th day, you saw 11 birds. Which equation can you use to find the total number of birds (b) you saw all 4 days?
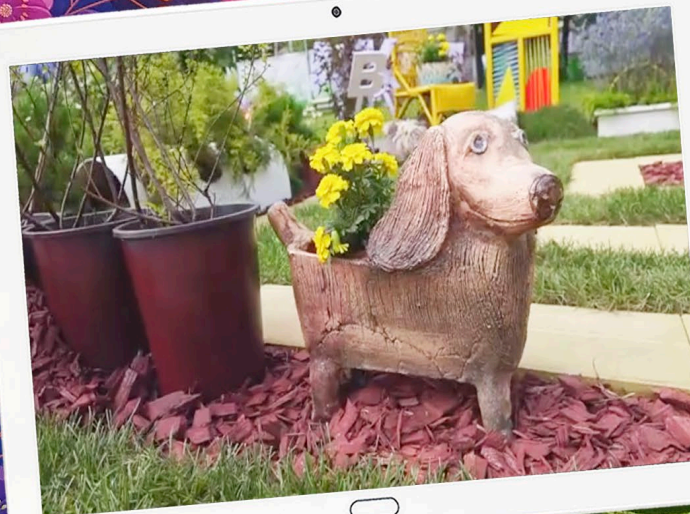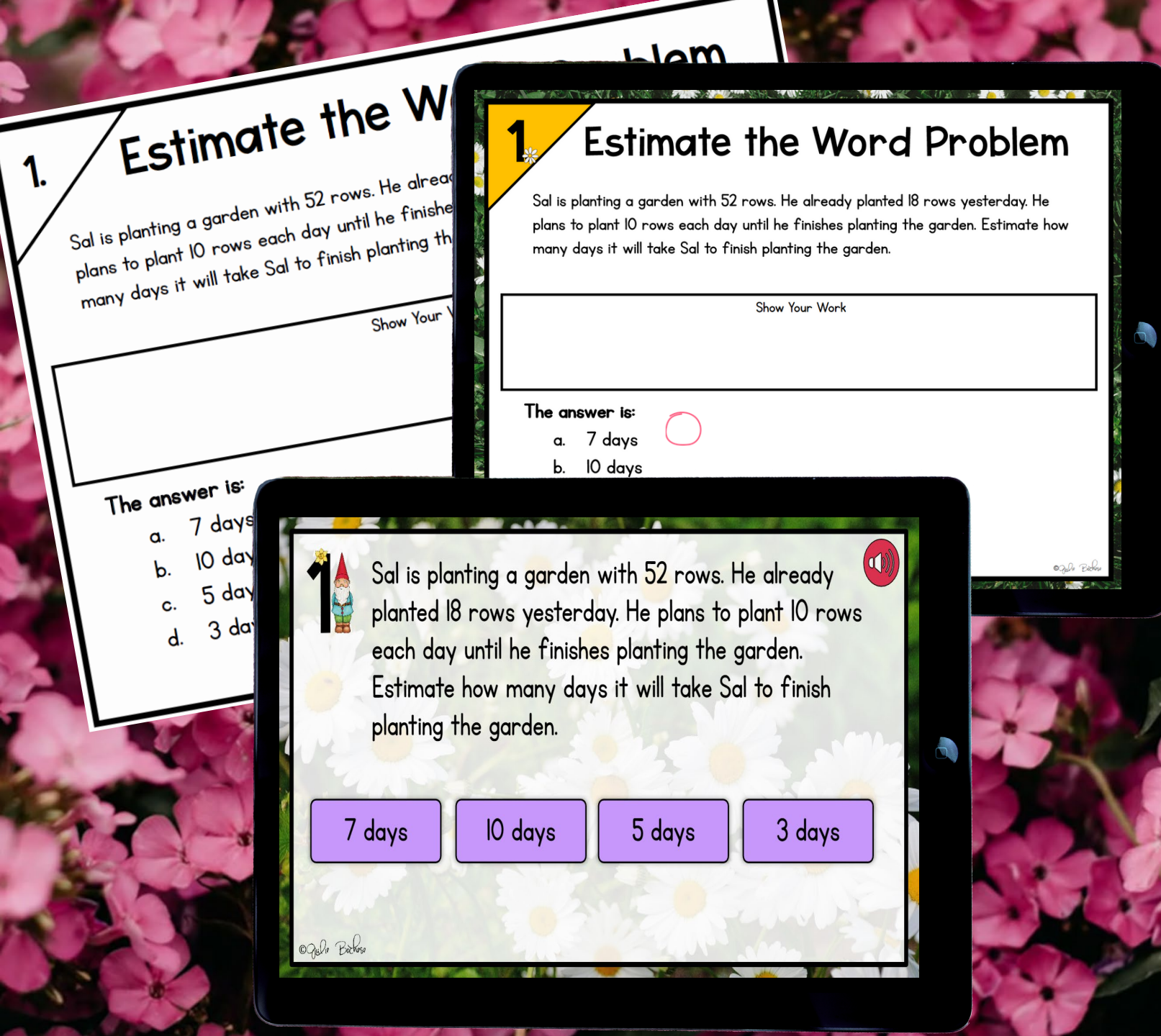
   Show your Work

   a. $(8 + 11) \times 3 = b$
   b. $8 + 3 + 11 = b$
   c. $8 \times 3 + 11 = b$
   d. $(8 + 3) \times 11 = b$

4 Mathematics Challenges

- Themed videos integrated throughout the Escape Room to keep kids engaged.

- Students work in groups, partners, or independently.

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!

Garden Gnome Escape Room

Liam Brown
(name)

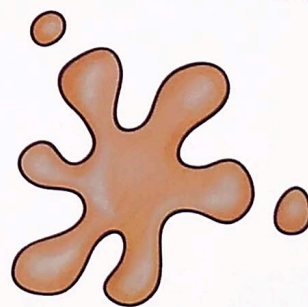has successfully completed the challenges and saved the gnomes' house.
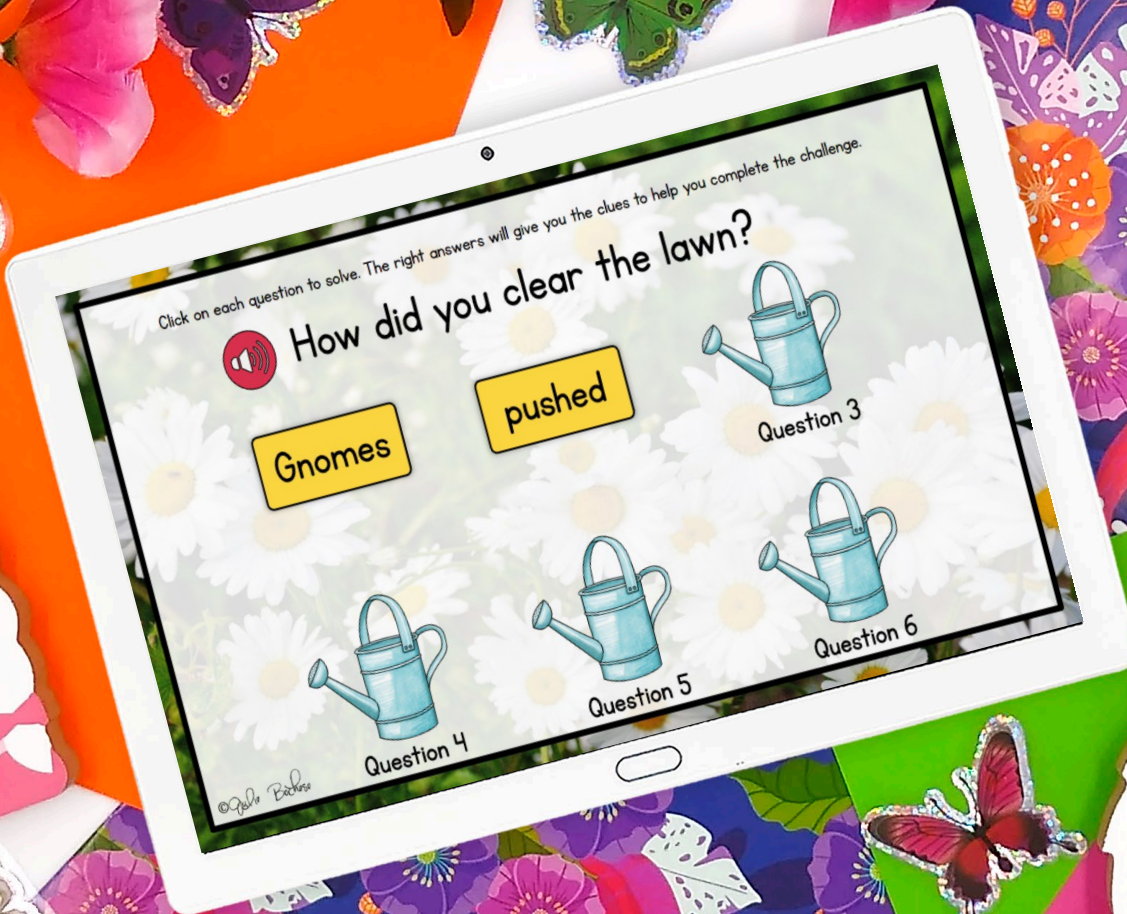
24/03
(Date)

The Gnomes

Ooops!

You fell in the dirt.

YOU MUST STAY QUIET FOR 5 MINUTES. NO SPEAKING

- OOPS! Cards for differentiation

Learn more!

Webscape ™

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

Learn more!

Webscape ™

- 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!

Drag the flowerpot onto your garden bench.

Google Slides

- One problem per slide

- Students drag to circle their answers

Learn more!

Represent with an Equation

4

When the gnomes first started their collection of lawn decorations, they had 8 decorations. Over the summer, they collected 48 additional decorations. At the end of the summer, they gave away some of their decorations to their friends, but they still have 49 decorations left. Which equation could they use to figure out how many decorations (d) they gave away to friends?

Show Your Work

☐ Circle the #s.
☐ Underline the question.
☐ Box the words that are important.
☐ Eliminate info you do not need.
☐ Solve by showing your work.

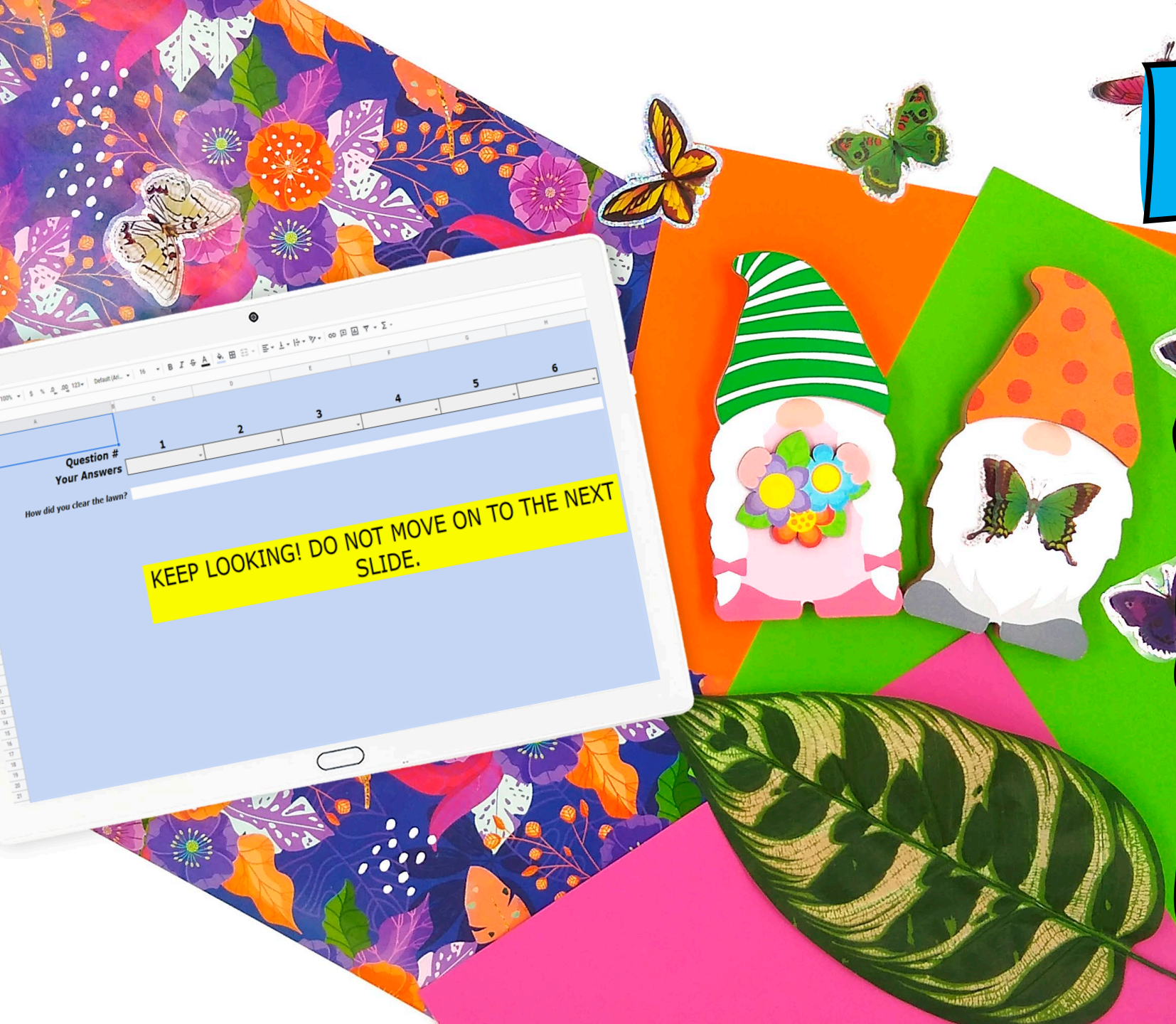The answer is:
a. 48 ÷ 8 + 49 = d
b. 48 ÷ 8 − 49 = d
c. 8 + 48 − 49 = d
d. 8 + 48 + 49 = d

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!

Question #
Your Answers

How did you clear the lawn?

KEEP LOOKING! DO NOT MOVE ON TO THE NEXT SLIDE.

Looking for More?

ESCAPE ROOM BUNDLE
Math Skills

3rd Grade

Print and Digital

Math Escape Rooms

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

Telling Time: Time Machine Escape Room

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

MATH: Categorize Shapes
Catch the Bandit Escape Room

3rd Grade

Print and Digital

Dear Student,

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

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

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

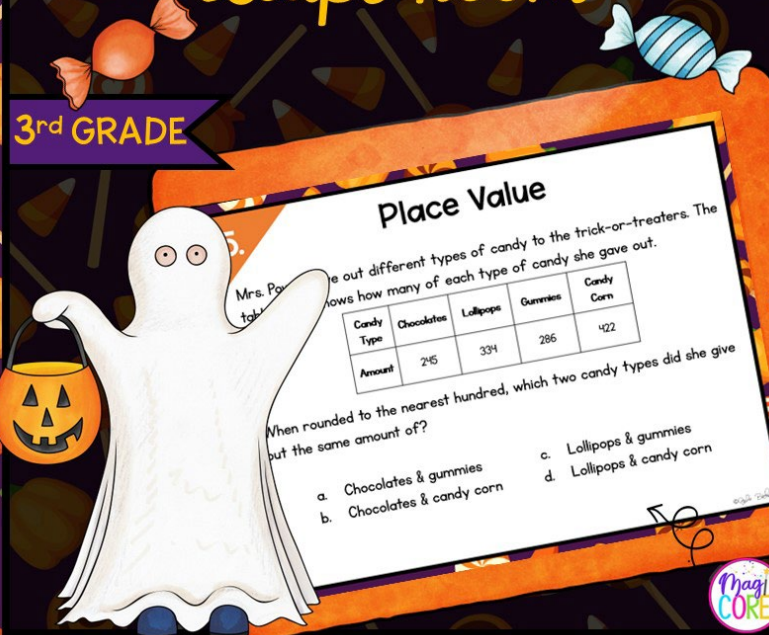After each challenge, add the pin to your map to catch the bandit.

Sincerely,

Friendly Neighborhood Crime Watchers

MagiCORE

HALLOWEEN MATH
Escape Room

3rd GRADE

Place Value

Mrs. Po gave out different types of candy to the trick-or-treaters. The table shows how many of each type of candy she gave out.

Candy Type	Chocolates	Lollipops	Gummies	Candy Corn
Amount	245	334	286	422

When rounded to the nearest hundred, which two candy types did she give out the same amount of?

a. Chocolates & gummies
b. Chocolates & candy corn
c. Lollipops & gummies
d. Lollipops & candy corn

MagiCORE