

4th Grade

MEASUREMENT LINE PLOT

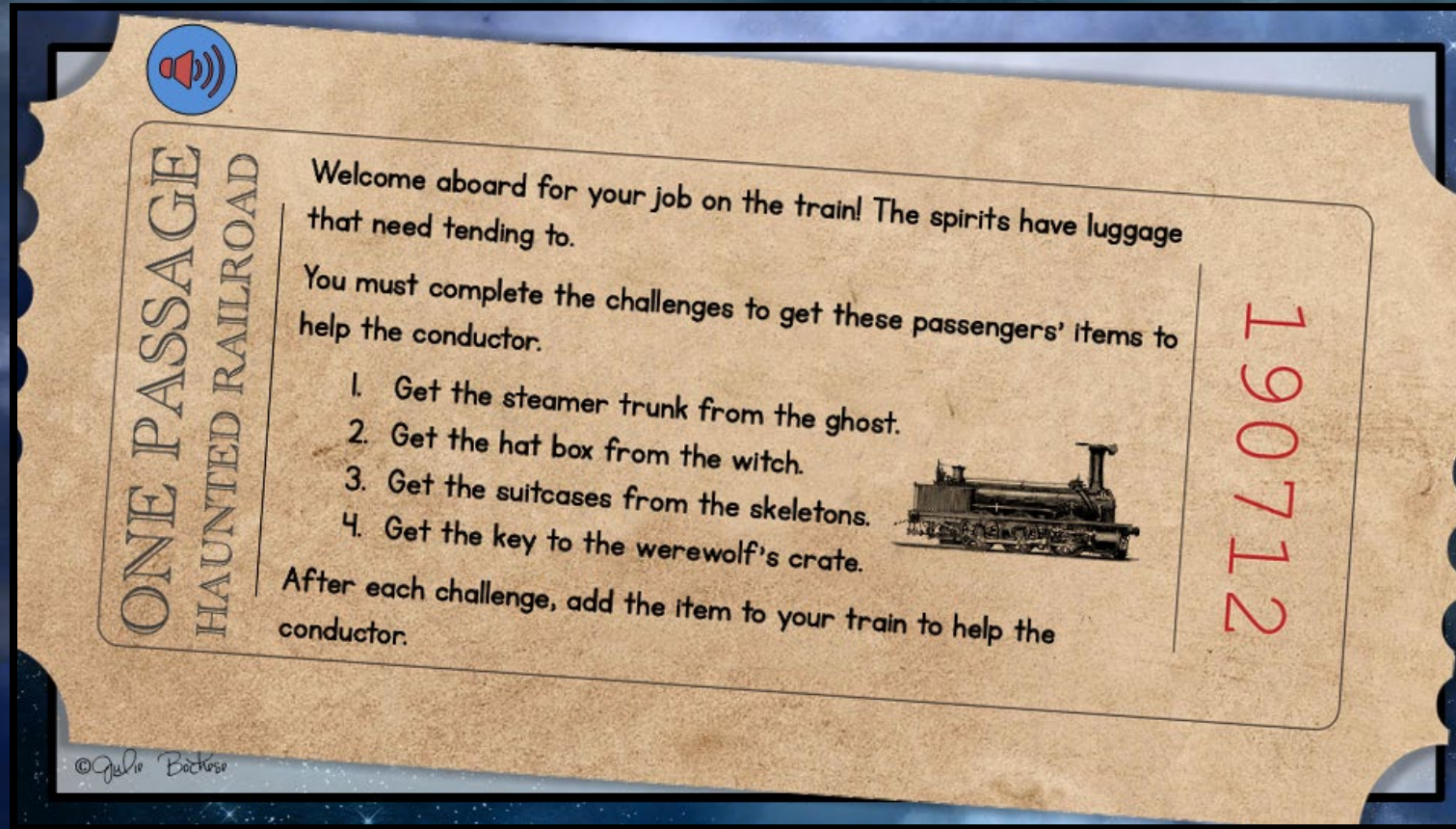
HAUNTED TRAIN ESCAPE ROOM

PRINTABLE • GOOGLE • WEBSCAPE™



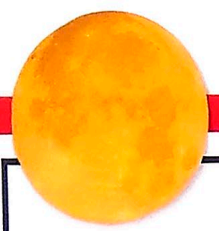
Welcome Aboard!

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



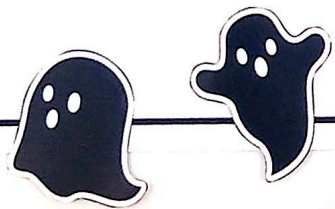
Learn more!





Challenge #1

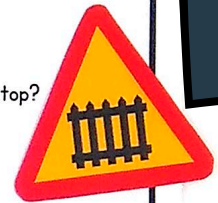
1. Solve each "make the line plot" problem.
2. Use your answers to get the steamer trunk from the ghost.
3. Add the steamer trunk to your train to move on to the next challenge.



1. Solve the fraction problems.

The conductor counted 20 people who boarded the train at the first stop. The first car has enough seats for 40 people. Answer the questions about the first train car.

1. Which fraction represents how full the first car was after the first stop?
a. $\frac{1}{4}$ b. $\frac{1}{2}$ c. $\frac{6}{8}$ d. $\frac{4}{6}$
2. Find the number that is not an equivalent fraction to the answer for question 1.
a. $\frac{2}{4}$ b. $\frac{4}{8}$ c. $\frac{3}{6}$ d. $\frac{2}{3}$



2. Solve the fraction problems.

The second car fills up faster because it is next to the dining car. Three quarters of the seats were taken after the first train stop. Use the information to answer the questions.

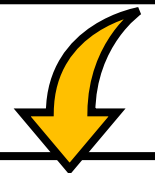
3. There are 40 seats in the second car. How many people boarded the second car at the first stop?
a. 25 b. 30 c. 35 d. 40
4. Find the number that is not an equivalent fraction to $\frac{3}{4}$.
a. $\frac{6}{12}$ b. $\frac{6}{8}$ c. $\frac{9}{12}$ d. $\frac{12}{16}$



4 Mathematics Challenges

- Challenges focused on Measurement Line Plot
- Each challenge takes about 20-30 minutes

Learn more!



Challenge #4

1. Solve the line plot problems.
2. Use your answers to get the key to the werewolf's crate.
3. Add the key to your train and move on to help the conductor.



Collect the Key

Enter your answers in the Train Decoder to see if you got the key.



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



DO NOT go to the next page until prompted to do so by the Decoder!

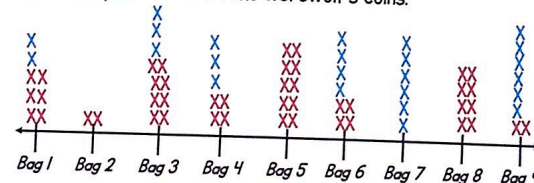
1. Solve the line plot problems

TRA

The werewolf collected nickels and dimes and kept them in nine bags in his crate. Use the line plot to answer the questions about the werewolf's coins.

Coins Collected by the Werewolf

XX = dimes
X = nickels



1. The line plot shows the number of nickels and dimes in each bag that the werewolf has in his crate. What is the value of the nickels in the crate?

- a. \$1.05 b. \$1.10 c. \$1.15 d. \$1.20

2. What is the value of the dimes?

- a. \$2.00 b. \$2.20 c. \$1.90 d. \$2.10



4 Mathematics Challenges

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

Learn more!



3 Versions

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

Learn more!



1.  Solve the fraction problems.

The conductor counted 20 people who boarded the train at the first stop. The first car has enough seats for 40 people. Answer the questions about the first train car.

1. Which fraction represents how full the first car was after the first stop?

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Challenge 1  Solve the fraction problems.

The conductor counted 20 people who boarded the train at the first stop. The first car has enough seats for 40 people. Answer the questions about the first train car.

1. Which fraction represents how full the first car was after the first stop? ☐

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a. $\frac{2}{4}$ b. $\frac{4}{8}$ c. $\frac{3}{6}$ d. $\frac{2}{3}$

© Julie Böhmer

  1 The conductor counted 20 people who boarded the train at the first stop. The first car has enough seats for 40 people. Answer the questions about the first train car.

Which fraction represents how full the first car was after the first stop?

☐ $\frac{1}{4}$ ☐ $\frac{1}{2}$ ☐ $\frac{6}{8}$ ☐ $\frac{4}{6}$

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	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!



Haunted Train Escape Room

Riley Smith

(name)

has successfully completed the challenges
and helped the conductor.

24 / 03

(date)

The Conductor



Print

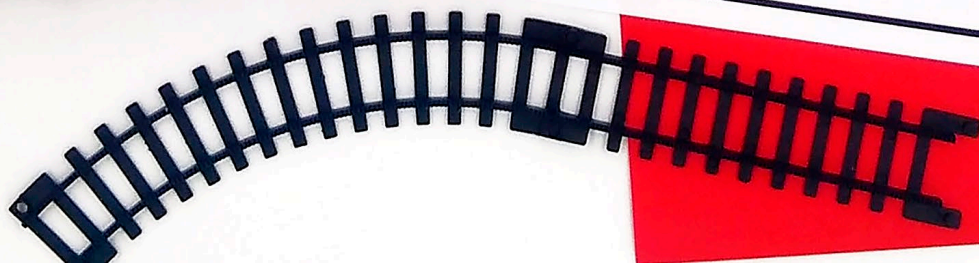
- OOPS! Cards for differentiation

Oops!

You got spooked by the ghost.



You must stay quiet for 5 minutes.
No speaking!



TRAIN

Learn more!



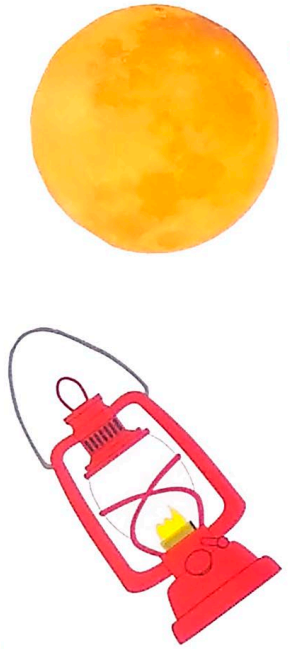


Webscape™



- 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.

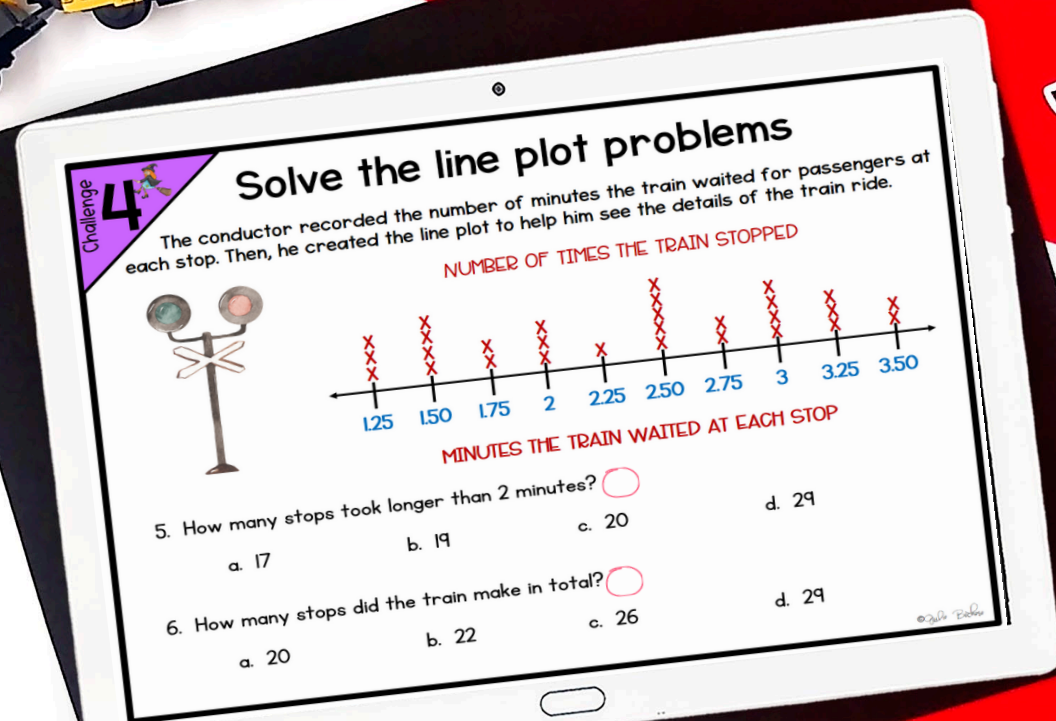
Learn more!



Google Slides

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

Learn more!

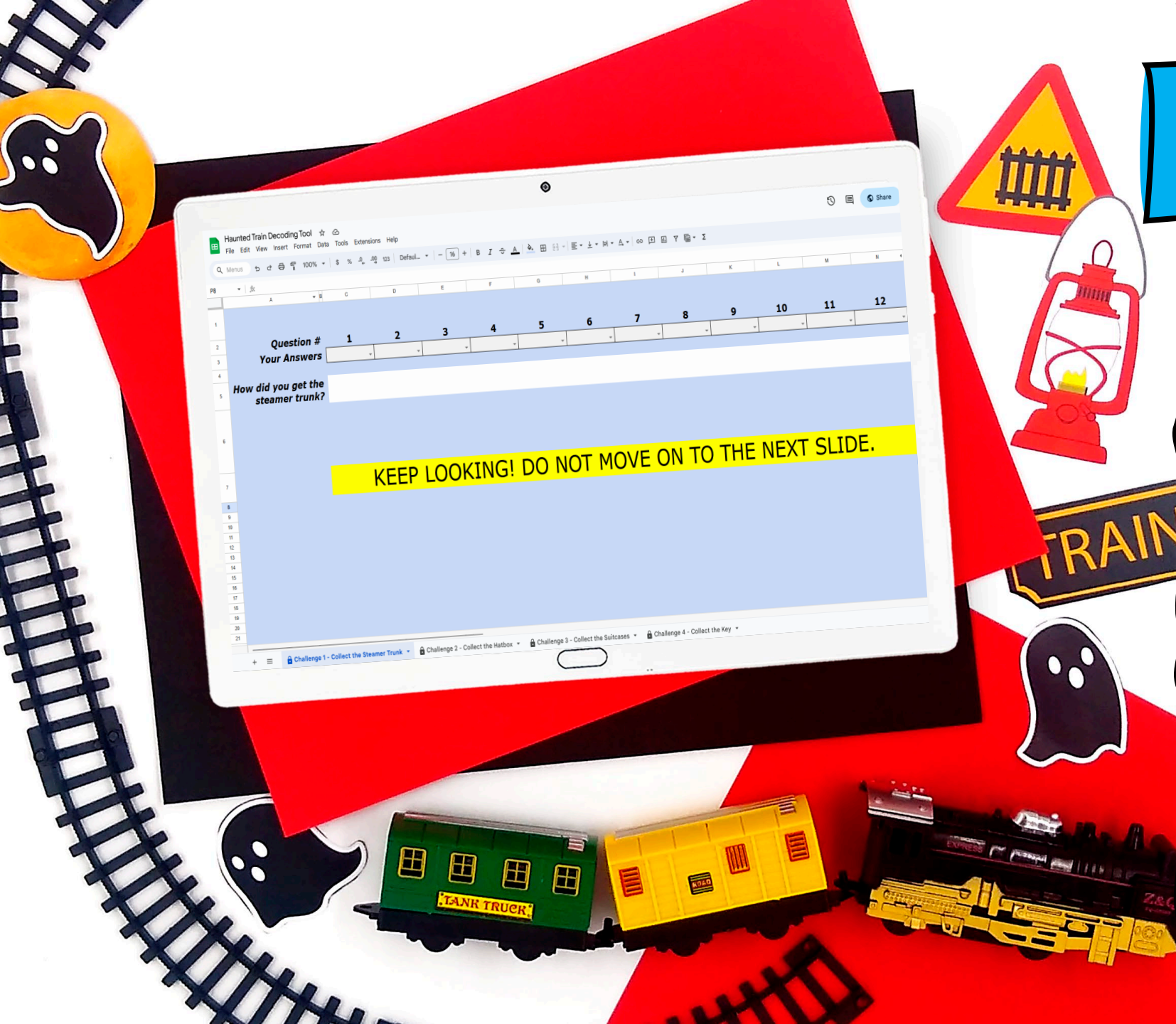


TRAIN

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 and a pink bow, wearing 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

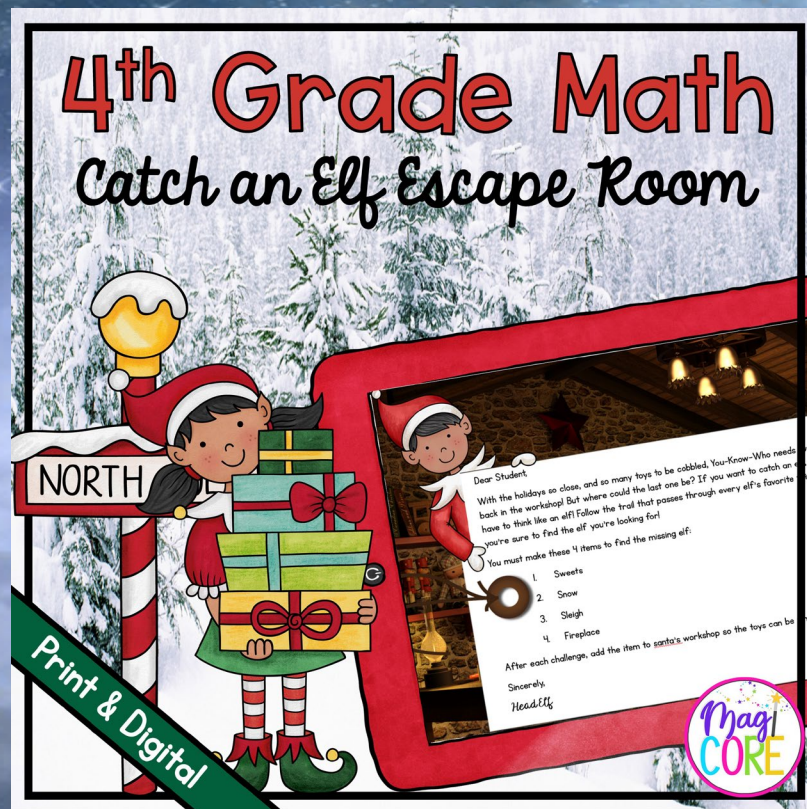
MATH Fractions & Mixed Numbers

Telling Time: Time Machine Escape Room

ENGAGE VIDEOS TELL THE STORY

Print and Digital

4th Grade Math Catch an Elf Escape Room



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

4th Grade Math

Catch an Elf Escape Room

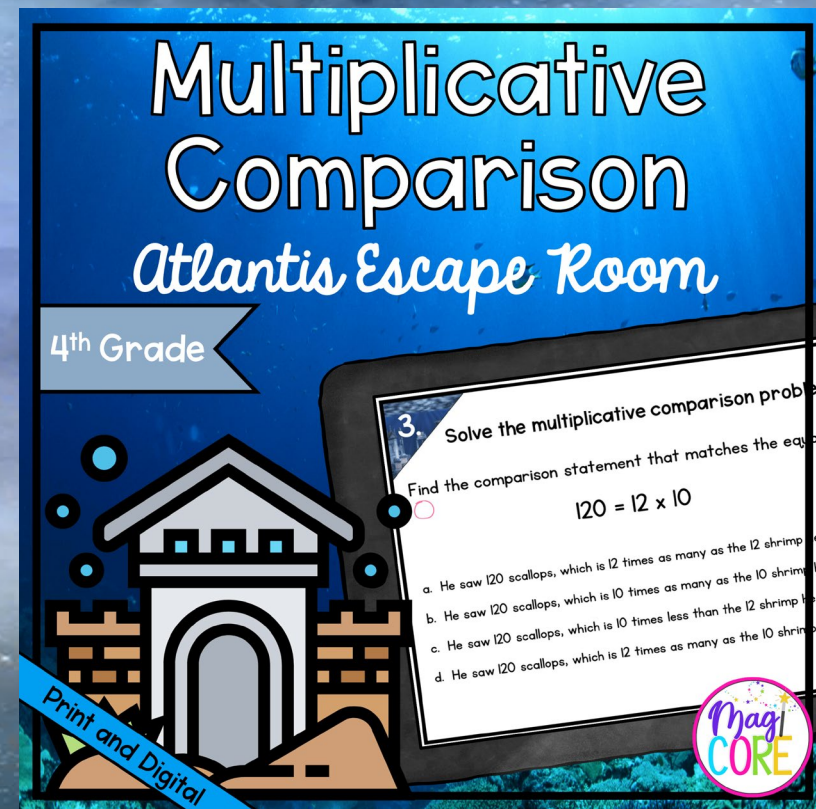
NORTH

Print & Digital

MagiCORE

Multiplicative Comparison Atlantis Escape Room

4th Grade



The image shows a girl with brown hair and a pink bow, wearing 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 problem: '3. Solve the multiplicative comparison problem. Find the comparison statement that matches the equation 120 = 12 x 10'. The options are: 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. A blue banner at the bottom left says 'Print and Digital'. The MagiCORE logo is in the bottom right corner.

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