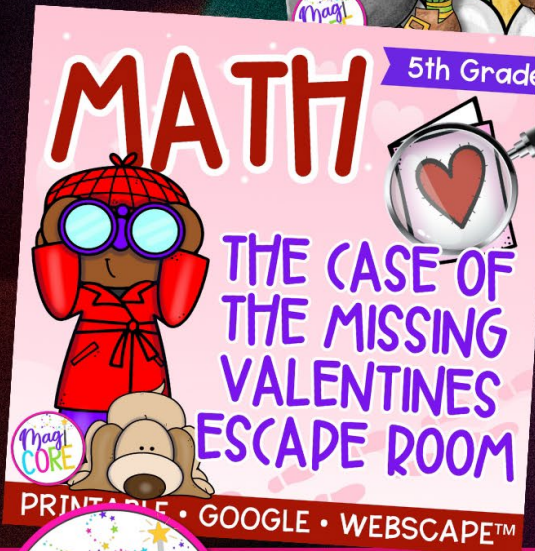


5th Grade

HOLIDAY MATH



ESCAPE ROOM BUNDLE

PRINTABLE • GOOGLE • WEBSCAPE™

5th Grade Math

Catch an Elf Escape Room



Dear Student,

With the holidays so close, and so many toys to be cobbled, You-Know-Who needs 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 things 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 finished.

Sincerely,
HeadElf



Print & Digital

Print & Two Digital Options

Google Instru

Click the BLUE present to access the Google version of this resource.

Click the GREEN p
Decoder to



Webscape Directions

How does the Webscape work?

- The Webscape will open in your internet browser.
- The slides advance automatically based on the story and student responses.
- Once each challenge is completed, the students are prompted to retry incorrect responses. The resource will automatically move past each challenge when all challenge responses are correct.
- Students will not know which challenge question is incorrect, but



code to guide them to which answers

and the slide will advance
for the challenge are correct.

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Printable Directions

Materials:

- Printed cards for each team
- Computer or Tablet for Videos (optional)
- Scrap Paper (optional)



Duration: Approximately 90 minutes. You can also split this up into four 20- to 30-minute activities over four days, having students complete one challenge per day.

Prep

Print challenge cards and recording sheet for each team. Place challenge cards into envelopes.

Directions

1. Split your class into teams of 4-5 students. Ensure teams are multi-level.
2. (Optional) Show the introduction video.
3. Give each team their envelope for challenge #1.
4. Allow time for each team to work through each challenge. Once they solve the challenge, they should turn the code in to the teacher to check before the teacher assigns the consecutive challenge. (Optional) Teacher may show completion videos after each challenge is solved.
5. The first team to complete all four challenges solves the case and team members receive certificates.
6. Assign "oops" cards to help create equity. Give an "oops" card to students who are taking the lead, to encourage them to step back and give other students a turn.

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Print Friendly Version

Challenge #1



1. Solve each order of operations 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 this page.
6. Move on to the challenge #2.

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



1. Find the expression with the same value as the number below:
22
 - a. $3 \times 2 + (3 + 4)$
 - b. $3 \times (2 + 3) + 4$
 - c. $3(2 \times 3) + 4$
 - d. $3 \times 2(3 + 4)4$
2. Shelly the elf is wrapping science kits. There are 360 science kits. First, Shelly must find the expression below that equals the number of science kits. Can you help her?
360
 - a. $4 + 20 + 30 - 15$
 - b. $(4 + 20) \times 30 - 15$
 - c. $4(20 + 30) - 15$
 - d. $(4 + 20) \times (30 - 15)$
3. Circle the correct statement that describes the expression.
 $(9-3) \times 25$
 - a. twenty-five times three, minus nine
 - b. the difference between nine and three, times twenty-five
 - c. take three from nine and add twenty-five
 - d. twenty-five times six
4. Help Bruno the elf evaluate the expression below.
 $180 \div \{(2^3 + 7) \times 3\}$
 - a. 3
 - b. 6
 - c. 4
 - d. 45
5. Find which number represents n to make the equation true.
 $\{(54 \div 9) \times n\} - 5 = 31$
 - a. 5
 - b. 6
 - c. 9
 - d. 7
6. Mrs. Claus needs to find the value of n in the equation below. Which answer should she choose?
 $\{(12 - 7)^2 - n\} \times 4 = 64$
 - a. 8
 - b. 6
 - c. 7
 - d. 9



is the number nearest

nted her steps for liked 74,000 steps ugh Saturday. below is **not** 00?

- c. $10^3 \times \$16.78$
- d. $10^2 \times \$16.78$

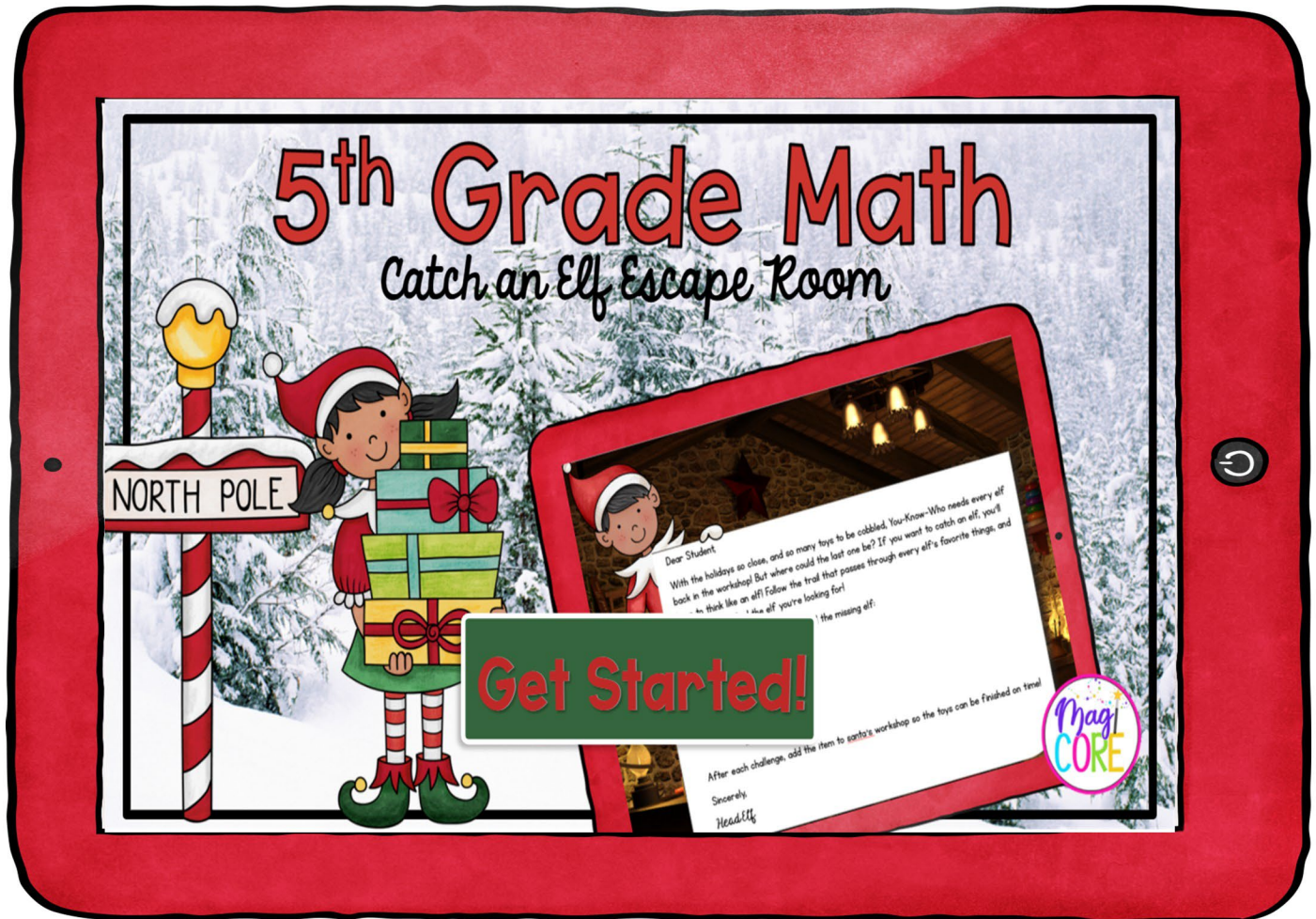
- c. 345.77
- d. 345.70

- c. 740×10^2
- d. 7.4×10^4

©2018 Bebe

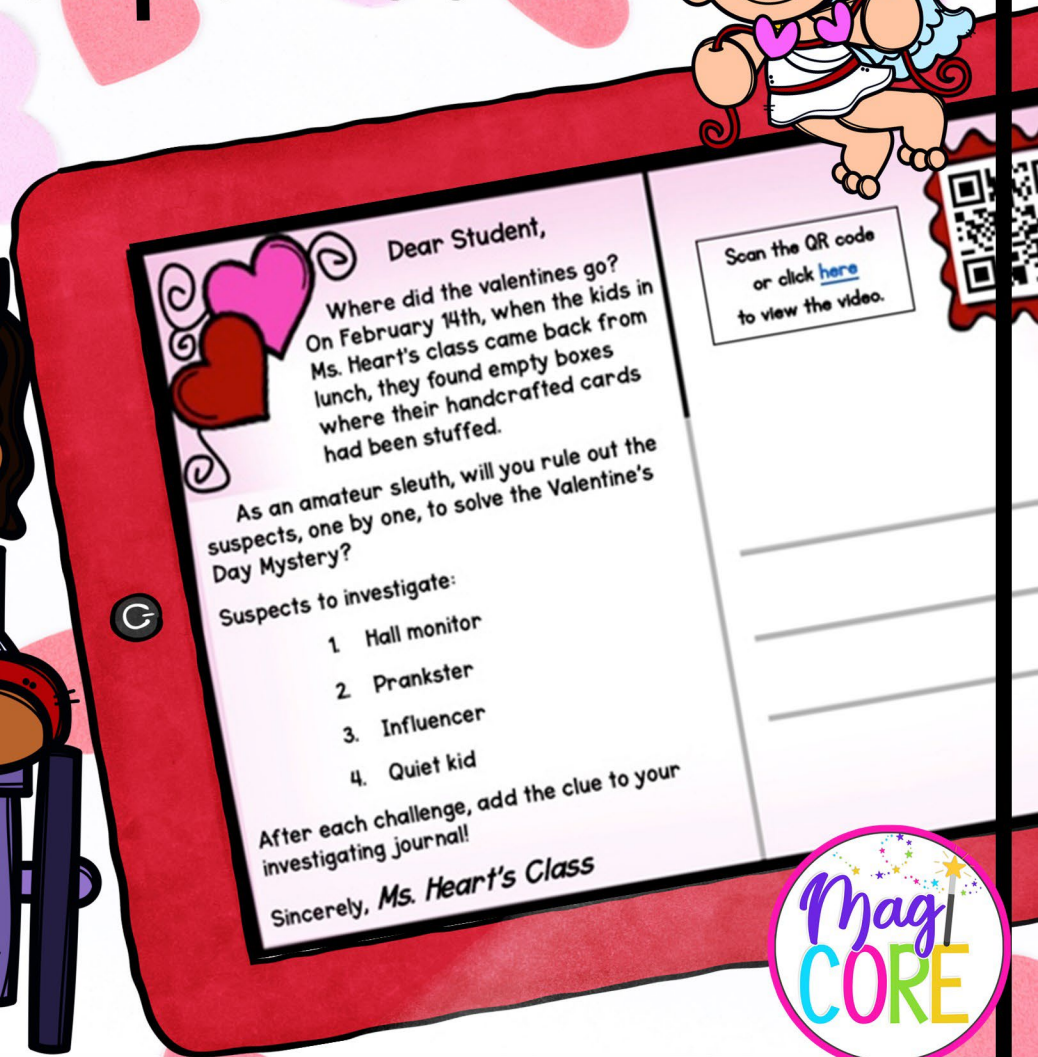
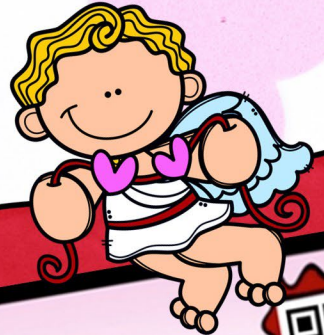
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Digital Webscape™ & Google Slides



5th Grade Math

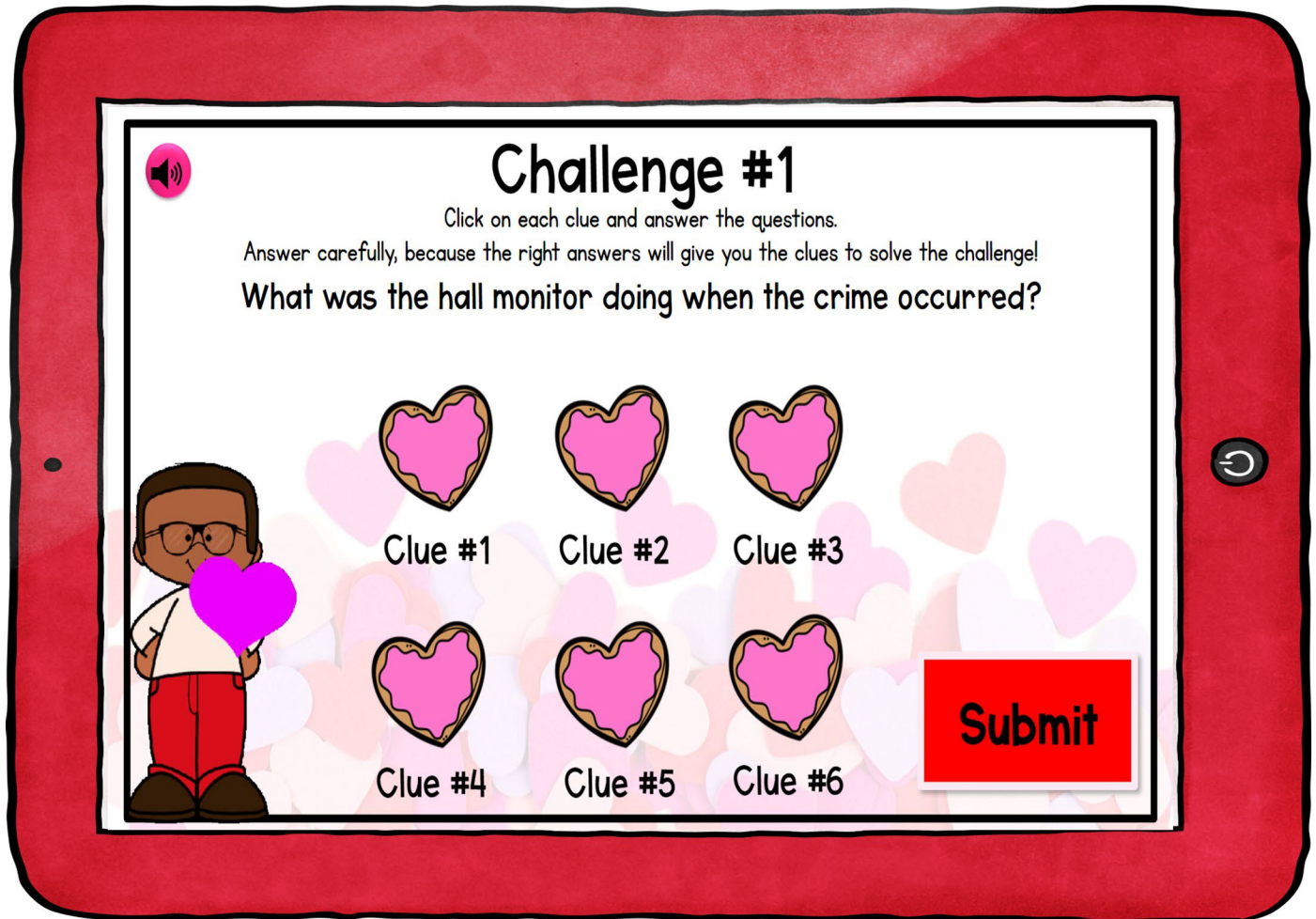
The Case of the Missing Valentines Escape Room



Print & Digital



Webscape™ is Interactive & Self-Correcting!



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!

What was the hall monitor doing when the crime occurred?

Clue #1 Clue #2 Clue #3

Clue #4 Clue #5 Clue #6

Submit

The interface is displayed on a red tablet. On the left side of the tablet, there is a cartoon character of a young boy with glasses, wearing a white shirt and red pants, holding a large pink heart. In the top-left corner of the challenge area, there is a speaker icon. The background of the challenge area is white with faint pink hearts. The 'Submit' button is a red rectangle with white text.

Videos Tell the Story



Four Standards-Based Math Challenges

The Case of the Missing Valentines

1. Challenge #1: Solve the operations problems to investigate the hall monitor.

2. Challenge #2: Solve the place value problems to investigate the prankster.

3. Challenge #3: Solve the fraction problems to investigate the influencers.

4. Challenge #4: Solve the word problems to investigate the quiet kid.

© Julie Baker

1 Working with expressions

Find the correct expression for the following statement.

The hall monitor counted 5 less students riding the bus on Tuesday than on Monday.

- a. $x - 5$
- b. $x + 5$
- c. $5 + x$
- d. $5 - x$

3 Solve the place value problem.

The principal challenged the students to join her in raising money for the local soup kitchen. Mr. Heart's class collected \$950.00 for the challenge. Find the answer that shows the correct expanded form of the amount of money your class collected.

Answer	Expanded form
\$950.00	
a. $9000 + 100 + 50 + \frac{0}{1000}$	b. $9000 + 100 + 50 + \frac{0}{100}$
c. $9000 + 100 + 50 + \frac{0}{10}$	d. $9000 + 100 + 50 + \frac{0}{10000}$

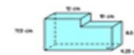
4 Solve the fraction problem.

The students in Mr. Heart's class made Valentine's Day cards using colored paper, stickers, glitter, markers and yarn. The stems of yarn in 200 feet long. Mr. Heart asked you to cut the yarn so that all 20 students will get equal sized lengths. What length of yarn will each student get?

- a. $8 \frac{1}{2}$ feet
- b. $8 \frac{2}{5}$ feet
- c. $8 \frac{3}{5}$ feet
- d. $8 \frac{4}{5}$ feet

4 Solve the word problem.

The quiet kid's box to hold his Valentine's Day cards was found in the nurse's office. Find the volume of the quiet kid's box.



- a. 40775 cubic cm
- b. 40750 cubic cm
- c. 40750 cubic cm
- d. 407 cubic cm



5th Grade Math

Lucky's Map Escape Room



Print and Digital

You dared to steal my gold coins! In return, you have been locked in the dungeon of Blarney Castle. Should you wish to return home, you must find the map and solve the three clues I've left behind. Only then can you reveal my secret hideout.

1. Find the map to open the door.
2. Alwan the Troll has your next clue under the bridge.
3. Find the rainbow and Fairy Flossy has clue 2.
4. Build a pair of shoes in my workshop and reveal my secret.

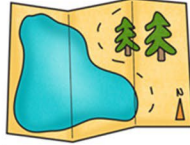
After each challenge, add the clue to your notebook and move on to the next challenge.

Sincerely,
Lucky the Leprechaun



Print Friendly Version

Challenge #1



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



- Solve each multiplication problem.
- Record answers on your brochure.
- Check your answers in the Leprechaun Decoder.
- Add the map to your notebook.
- Scan the QR code in the corner of the page.
- Move on to the challenge #2.

Challenge #3



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



- $$\begin{array}{r} M1 \\ 34 \\ \times 2 \\ \hline \end{array}$$
 - Which answer correctly compares the 2 numbers?
 - Record answers on your brochure.
 - Check your answers in the Leprechaun Decoder.
 - Add the fairy to your notebook.
 - Scan the QR code in the corner of the page.
 - Move on to the challenge #4.

1. Which answer correctly compares the 2 numbers?

- $561.54 < 561.103$
- $34.405 > 34.415$
- $108.35 > 108.28$
- $39.14 < 38.94$

2. Read the number below:

Forty-five and two hundred sixty-five thousandths

Which of these is the same number as the word form above?

- 0.45265
- 45.20065
- 45.265
- 4.5265

3. What are the following fractions written as decimals?

$$\frac{56}{100} \quad \frac{9}{10} \quad \frac{425}{1000} \quad \frac{93}{100}$$

- 56.00, 9.0, 425.000, 93.00
- 5.6, 0.9, 4.25, 9.3
- 0.56, 0.09, 0.425, 0.93
- 0.56, 0.9, 0.425, 0.93

4. Which of the following is not represented as a fraction below?

$$\frac{37}{100} \quad \frac{6}{10} \quad \frac{85}{1000} \quad \frac{14}{100}$$

- 0.06
- 0.37
- 0.14
- 0.085

5. Read the number below:

Six hundred and nine thousandths.

Which of these is the same number as the word form above?

- 600.09
- 600.009
- 600.9
- 600.0009

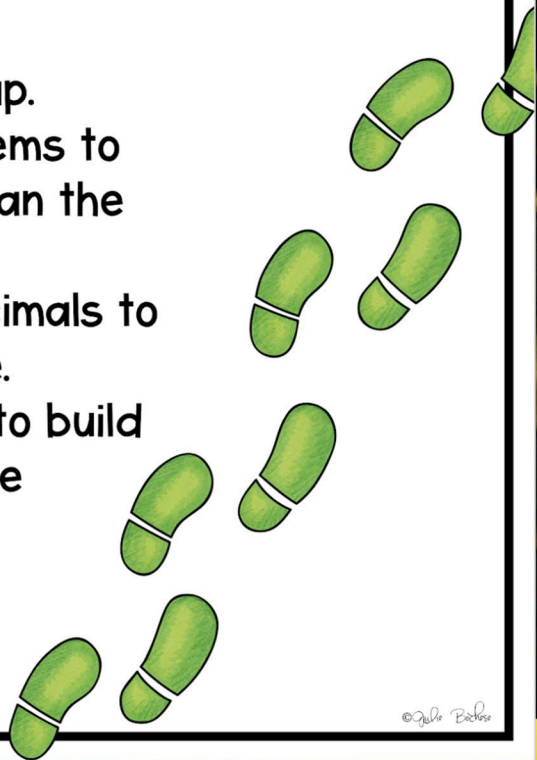
6. Which answer correctly compares the 2 numbers?

- $189.89 > 189.82$
- $17.08 > 17.18$
- $54.23 > 54.48$
- $271.506 > 271.51$

Four Standards- Based Math

Challenges

1. Solve the multiplication problems to find the map.
2. Solve the division problems to solve the clue from Alwan the Troll.
3. Write and compare decimals to solve Fairy Flossy's clue.
4. Solve volume problems to build the shoes and reveal the hideout.



Webscape™ is Interactive & Self-Correcting!



Challenges are Quick

1. Solve the Multiplication Problems

$$\begin{array}{r} 343 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 750 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} 262 \\ \times 74 \\ \hline \end{array}$$

$$\begin{array}{r} 337 \\ \times 51 \\ \hline \end{array}$$

The answers are:

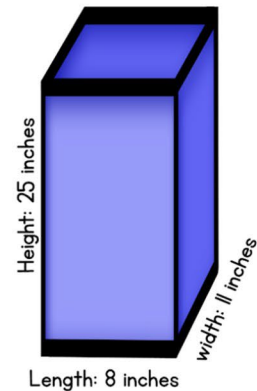
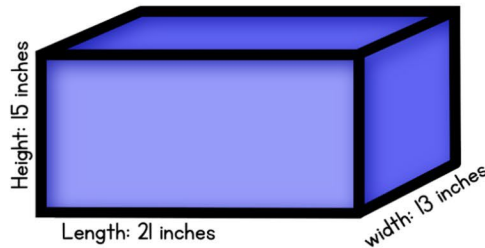
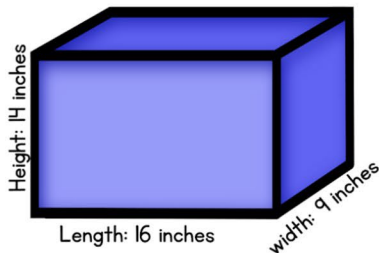


- a. 9261, 2500, 20388, 17187
- b. 9261, 25500, 19388, 17187
- c. 9265, 25505, 19488, 17187
- d. 9262, 25500, 19288, 16187

Variety of Skills

1.

Volume



What is the volume of each rectangular prism?

- a. 2010 cubic inches, 4097 cubic inches, 2200 cubic inches
- b. 2015 cubic inches, 4085 cubic inches, 2100 cubic inches
- c. 2016 cubic inches, 4095 cubic inches, 2200 cubic inches

Printable Version

Includes Recording

Brochure & Decoder

Leprechaun Decoder

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

Challenge 1	Question 1 a = They b = It c = The Book d = It	Question 2 a = is b = may be c = is d = was	Question 3 a = near b = in c = on d = above	Question 4 a = the b = its c = a d = the	Question 5 a = secret b = window c = guest d = creepy	Question 6 a = ledge. b = study. c = library. d = room.
Challenge 2	Question 1 a = It b = Merlin's wand c = The wand d = Your wand	Question 2 a = was b = isn't c = is d = may be	Question 3 a = near b = in c = under d = above	Question 4 a = the b = a c = Merlin's d = our	Question 5 a = wood b = storage c = red d = large	Question 6
Challenge 3	Question 1 a = Frog Guts b = Bird Beaks c = Old Tires d = Dog Fur	Question 2 a = Fingernails b = Bat Toe c = Unicorn Snot d = Dryer-Lint	Question 3 a = Fly Buzz b = Ear-Wax c = Rose Thorns d = Old Cheese	Question 4 a = Old Shoes b = Scent of Sweat c = Wet Haggie d = Blood Pudding	Question 5 a = Hat Sneer b = Cold Fee c = Eagle Fe d = Seashell	
Challenge 4	Question 1 a = Attack Spell b = Wand Strike c = Shield Spell d = Magic Potion	Question 2 a = Attack Spell b = Wand Strike c = Shield Spell d = Magic Potion	Question 3 a = Attack Spell b = Wand Strike c = Shield Spell d = Magic Potion	Question 4 a = Attack Spell b = Wand Strike c = Shield Spell d = Magic Potion	Question 5 a = Attack b = Wand S c = Shield S d = Magic F	

CHALLENGE 1



	Answer	Code
1.		
2.		
3.		
4.		
5.		
6.		

Where is the map?

CHALLENGE 2

	Answer	Code
1.		
2.		
3.		
4.		
5.		
6.		

Where did Alwan's clue say to go?



CHALLENGE 3



	Answer	Code
1.		
2.		
3.		
4.		
5.		
6.		

Where did Fairy Flossy's clue say to go?
