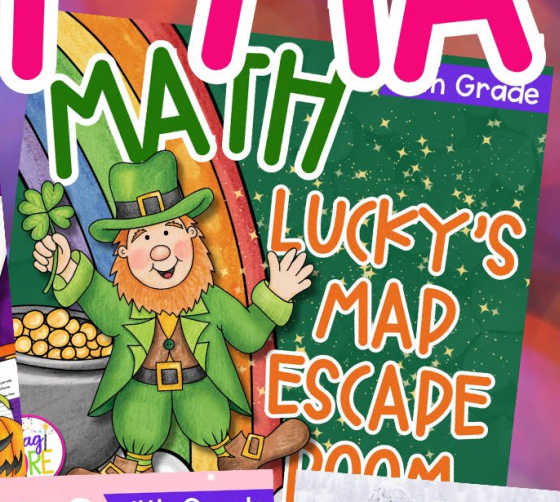
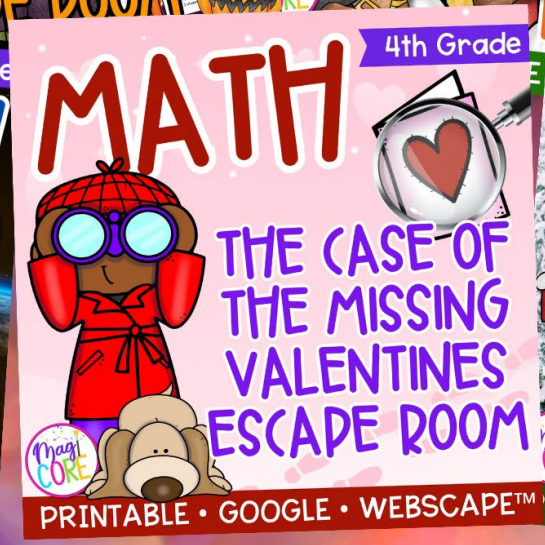
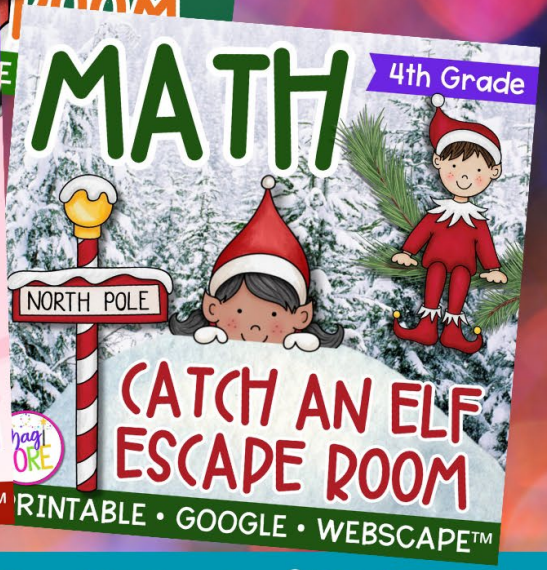
4th Grade

HOLIDAY MATH







Mag CORE

ESCAPE ROOM BUNDLE

PRINTABLE • GOOGLE • WEBSCAPE™

4th Grade Math

Catch an Elf Escape Room

Print & Digital

MagiCORE

Print & Two Digital Options

Print Friendly Version

Challenge #1

1. Solve each multiplicative comparison 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 equation that represents the following statement:

Miguel the elf has 75 toy dinosaurs to wrap, which is 3 times as many as Roberto, who has 25.

a. 25 + 75 = 100
b. 75 - 25 = 3
c. 75 = 3 x 25
d. 25 + 3 = 75

2. Find the equation that represents the following statement:

Gina the elf has 132 princess dolls to wrap, which is 11 times as many as Gigi, who has 12 dolls to wrap.

a. 132 - 12 = 11
b. 12 + 11 = 132
c. 132 = 11 + 12
d. 132 = 11 x 12

3. Find the equation that represents the following multiplicative comparison problem:

Kian built 32 doll houses, which is 8 times as many as Pedro built. How many doll houses did Pedro make?

a. 32 x 8 = 256
b. 32 = 8 x 4
c. 40 - 8 = 32
d. 32 x 8 = 4

4. Find the equation that represents the following multiplicative comparison problem:

Gigi built 15 sleds. Gina built 6 times as many as Gigi. How many sleds did Gina make?

a. 15 + 15 + 15 + 15 + 15 = 75
b. 15 + 6 = 21
c. 15 x 6 = 90
d. 6 + 6 + 6 + 6 + 6 + 6 = 36

5. Find the statement that represents the following equation:

64 = 8 x 8

a. Joey has 64 more toy cars than Mickey, who has 8.
b. Joey has 64 toy cars, which is 8 times as many as Mickey, who has 8 toy cars.
c. Mickey has 8 more cars than Joey, who has 64 toy cars.
d. Joey has 64 times as many toy cars as Mickey, who has 8 toy cars.

6. Find the statement that represents the following equation:

22 x 10 = 220

a. Mona read 22 letters to Santa and Tori read 10 more letters.
b. Tori read 22 letters to Santa and Mona read 10 letters. They read 220 letters altogether.
c. Tori read 10 letters to Santa, which is 22 times as many as Mona read.
d. Mona read 22 letters to Santa and Tori read 10 times as many as Mona read. Tori read 220 letters.

Santa for a new
rrect expanded

00 + 300 + 10 + 6
00 + 3,000 + 10 + 6
00 + 3,000 + 100 + 6
0 + 300 + 10 + 6

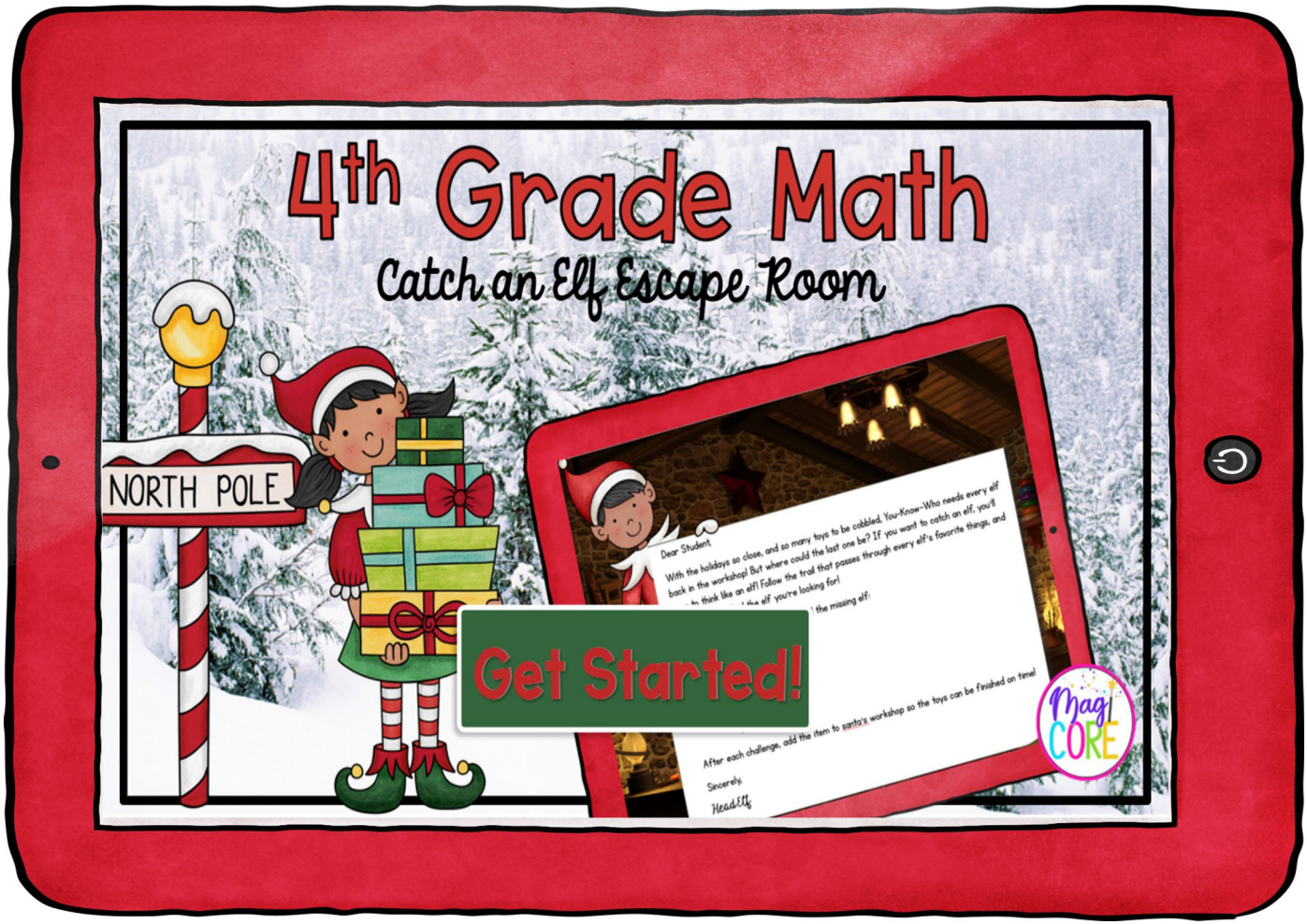
d the correct
s that, when
qual the number
ion should she

c. 1,100
d. 1,060

c. 40,000 + 500 + 200 + 90 + 9
d. 40,000 + 5,000 + 200 + 90 + 9

7 + 1,940
b. 1,939 + 78,626 + 5,417
c. 5,417, + 78,262 + 1,939
d. 1,939 + 5,471 + 78,626

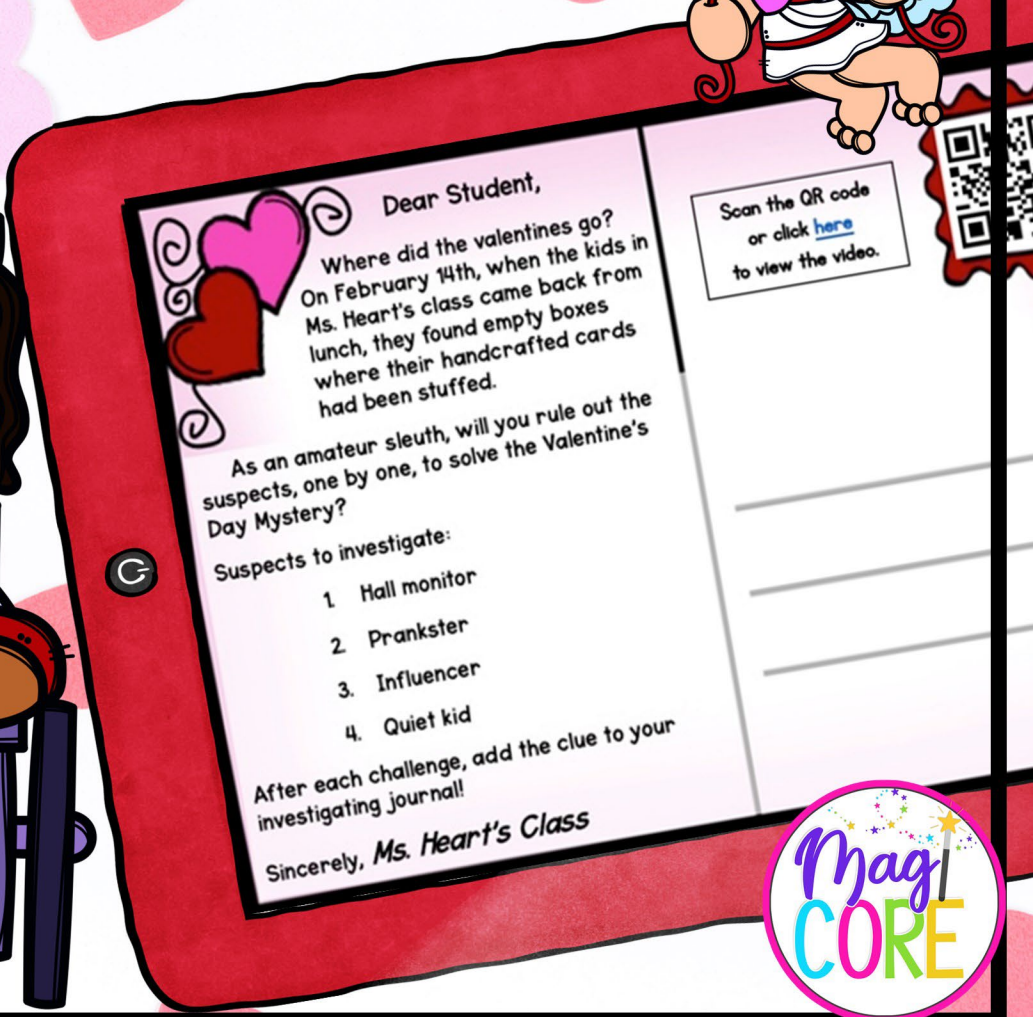
Digital Webscape™ & Google Slides



4th Grade Math

The Case of the Missing Valentines

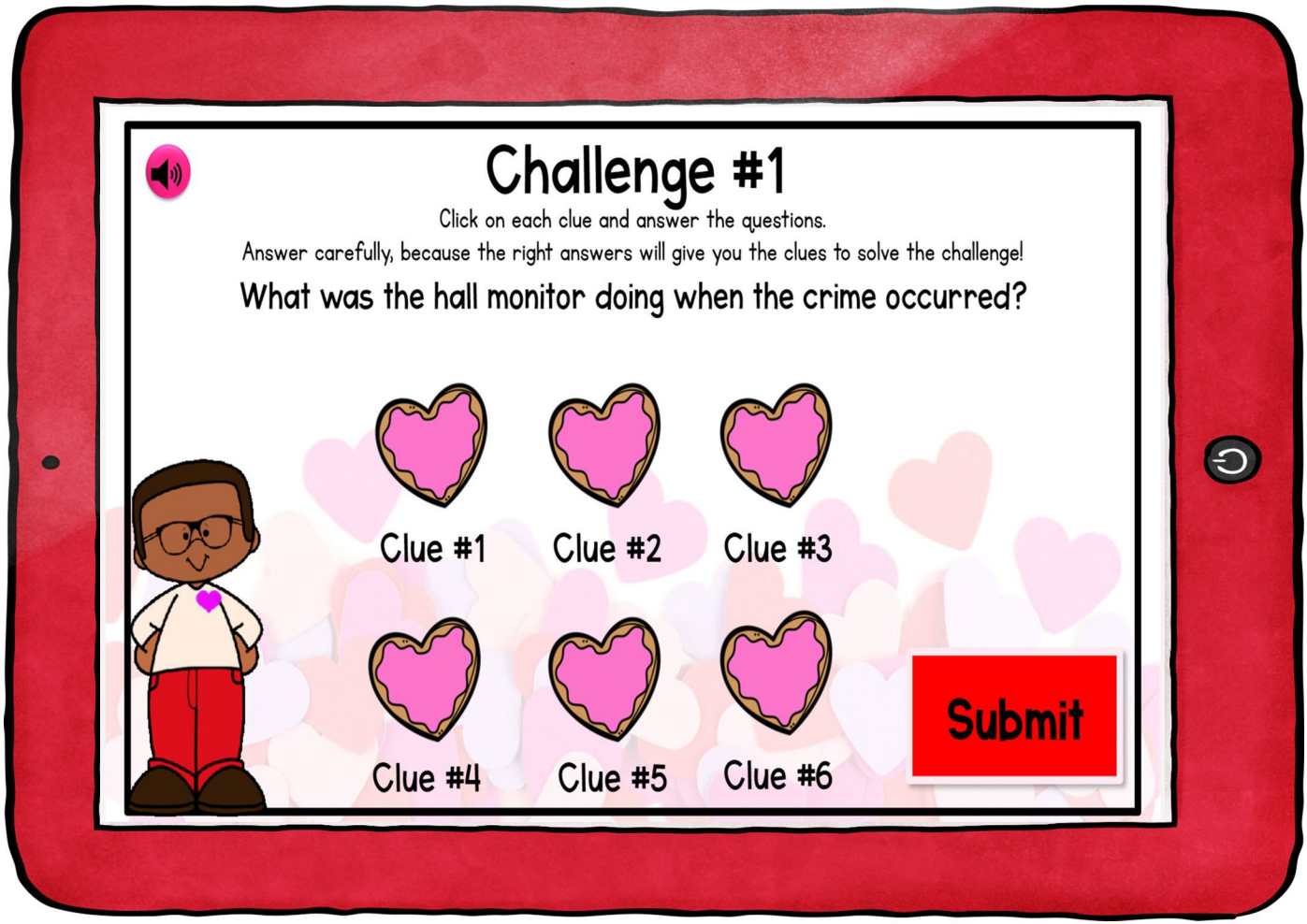
Escape Room



Print & Digital

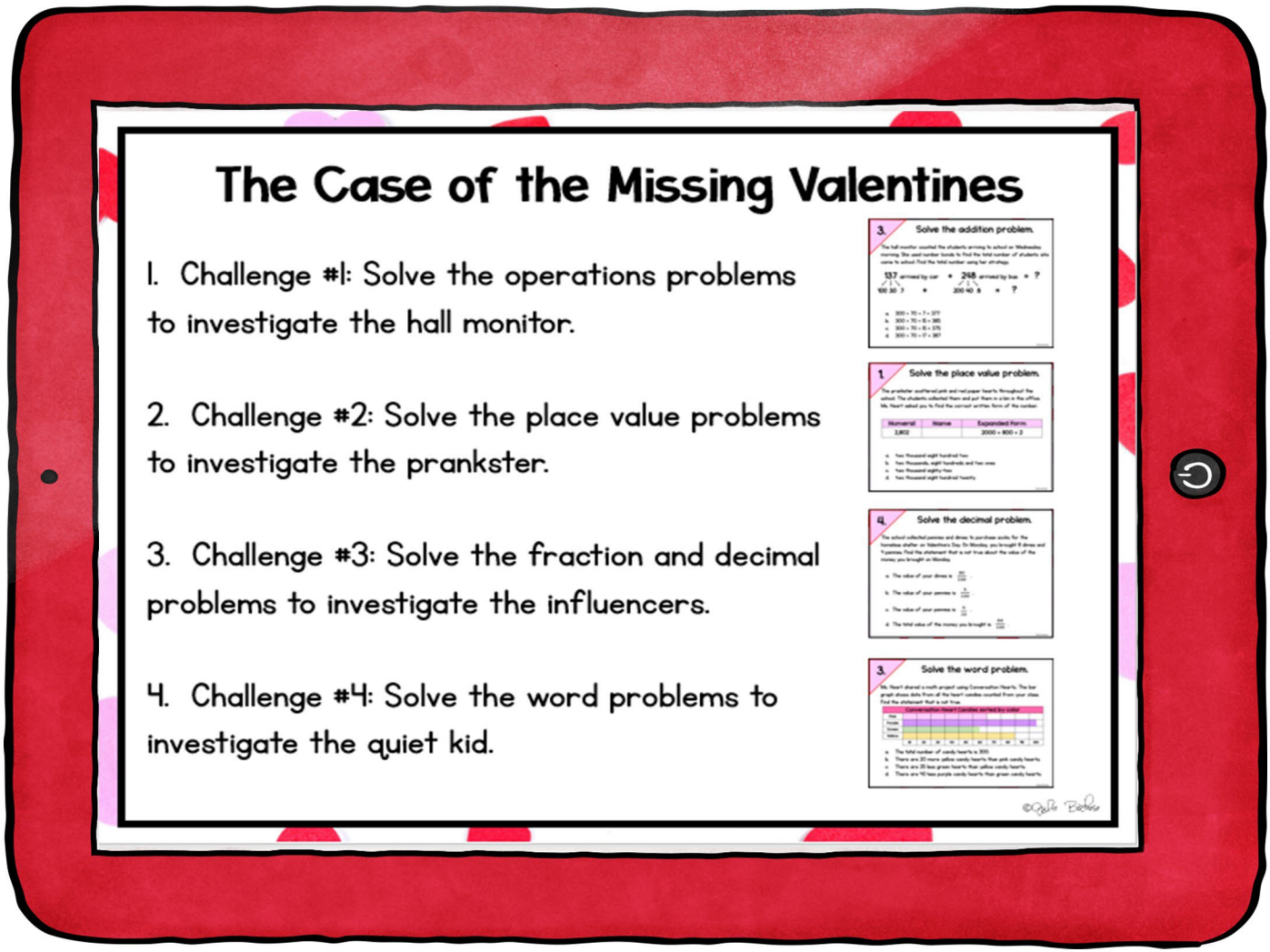
Mag CORE

Webscape™ is Interactive & Self-Correcting!



Videos Tell the Story

Four Standards-Based Math Challenges



4th Grade Math

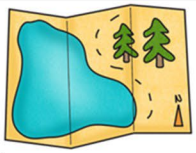
Lucky's Map Escape Room

Print and Digital

MagiCORE

Print Friendly Version

Challenge #1



1. Solve each addition problem.
2. Record answers on your brochure.
3. Check your answers in the Leprechaun Decoder.
4. Add the map to your notebook.
5. Scar
6. Mov

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

1. A
   7343
   + 267
   a.
   b.
   c.
   d.
2. A
   312(
   + 28
   a.
   b.
   c.
   d.

Challenge #4

1. Solve each pattern problem.
2. Record answers on your brochure.
3. Check your answers in the Leprechaun Decoder.
4. Add the shoes to your notebook.
5. Scan the QR code in the corner of the page.
6. Reveal the secret hideout.

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

1. **5, _____, _____, _____, _____**

   Rule: multiply by 8

   The next 4 numbers are:
   - a. 40, 322, 2560, 20485
   - b. 40, 320, 2460, 20470
   - c. 40, 320, 2560, 20480
   - d. 40, 322, 2460, 20480

2. **945, _____, _____, _____**

   Rule: divide by 3

   The next 3 numbers are:
   - a. 630, 210, 70
   - b. 630, 200, 73
   - c. 620, 210, 71
   - d. 620, 200, 70

3. **6, _10_, _14_, _____, _____**

   Rule: add 4

   The next number in the pattern will be:
   - a. Odd because adding an odd number to an even number will always be an odd number.
   - b. Even because adding an even number to an even number will always be an odd number.
   - c. Odd because adding an odd number to an odd number will always be an odd number.
   - d. Even because adding an even number to an even number will always be an even number.

4. **33, _38_, _43_, _____, _____**

   Rule: add 5

   The next number in the pattern will be:
   - a. Even because adding an even number to an even number will always be an even number.
   - b. Even because adding an odd number to an odd number will always be an even number.
   - c. Odd because adding an even number to an even number will always be an odd number.
   - d. Odd because adding an odd number to an even number will always be an odd number.

5. **62, _____, _____, _____**

   Rule: multiply by 4, subtract 12

   The next 3 numbers are:
   - a. 236, 930, 3616
   - b. 236, 932, 3716
   - c. 234, 930, 3617
   - d. 236, 923, 3616

6. **4, _____, _____, _____**

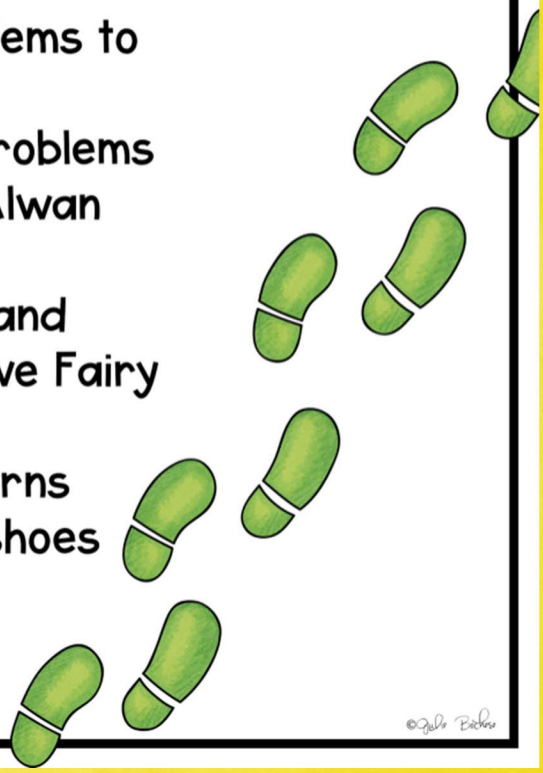
   Rule: multiply by 6, add 14

   The next 3 numbers are:
   - a. 38, 240, 1460
   - b. 36, 242, 1566
   - c. 38, 242, 1466
   - d. 36, 240, 1460

Four Standards-Based Math

Challenges

1. Solve the addition problems to find the map.
2. Solve the subtraction problems to solve the clue from Alwan the Troll.
3. Solve the multiplication and division problems to solve Fairy Flossy's clue.
4. Practice creating patterns with rules to build the shoes and reveal the hideout.



Webscape™ is Interactive & Self-Correcting!

Challenges are Quick

1. Solve the Addition Problems

```
  7343      1150      2262      3337
+  267     + 345   +  2124   +  1551
```

The answers are:

a. 7510, 1495, 4386, 3988
b. 7610, 1495, 4386, 4888
c. 7620, 1485, 3378, 4888
d. 7610, 1485, 4367, 4898

Variety of Skills

1.

Creating Patterns

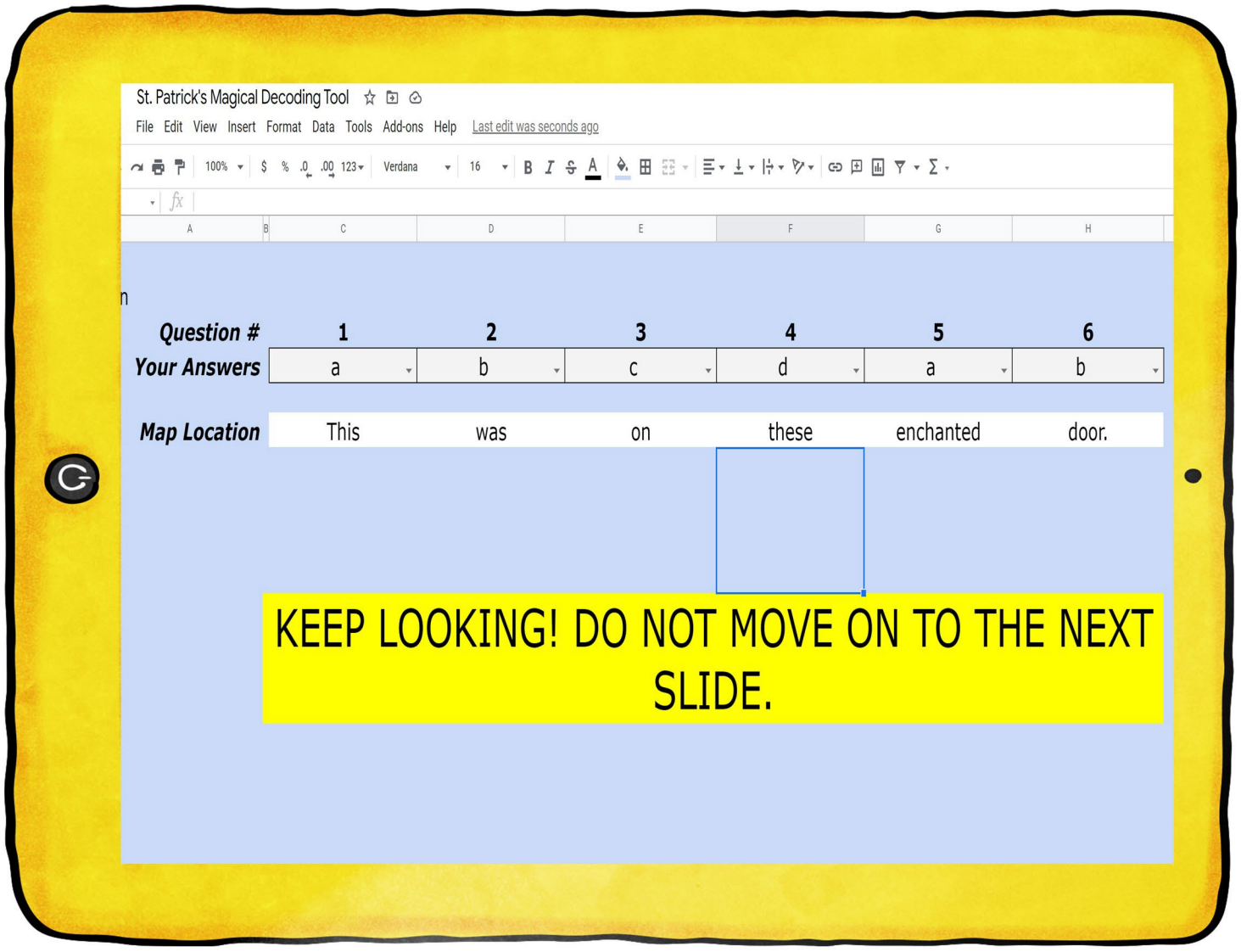
5, ____, ____, ____, ____

Rule: multiply by 8

The next 4 numbers in the pattern are:

a. 40, 322, 2560, 20485
b. 40, 320, 2460, 20470
c. 40, 320, 2560, 20480
d. 40, 322, 2460, 20480

Decoder in Digital Version is Self-Checking



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.

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

CHALLENGE 1

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

Where is the map?

_____

_____

_____

CHALLENGE 2

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

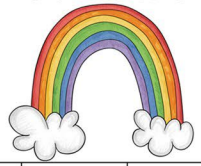
Where did Alwan's clue say to go?

_____

_____

_____

CHALLENGE 3



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

Where did Fairy Flossy's clue say to go?

_____

_____

_____