



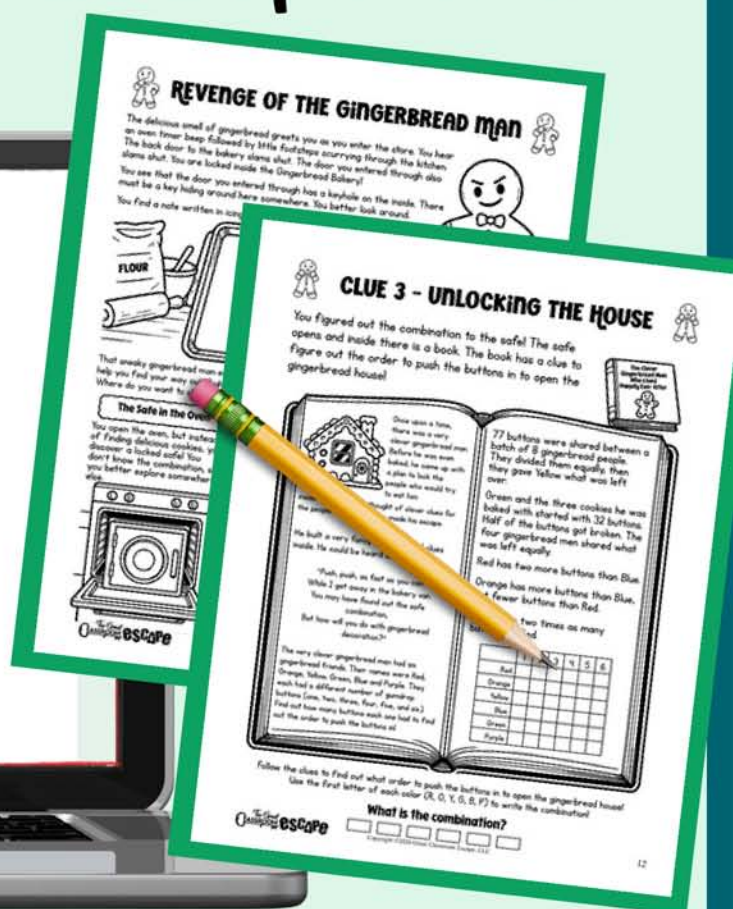
The Great
CLASSROOM escape



4th Grade
Math

Revenge of the Gingerbread Man

Print or Digital Escape Room



The Great
CLASSROOM escape

Standards
4.OA.A.1, 4.OA.A.2,
4.OA.A.3, 4.OA.B.4,
4.NBT.B.5, 4.NBT.B.6

4th Grade Math Skills!

Fast Facts

 No prep digital - optional printable supplements

 Low-prep black-and-white printable version

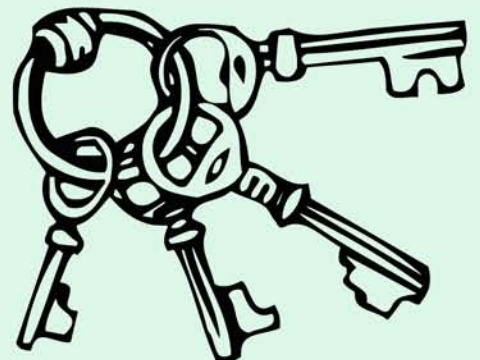
 Escape Time ~45-60 minutes

 Best used in pairs or small groups

 Digital requires internet connected device

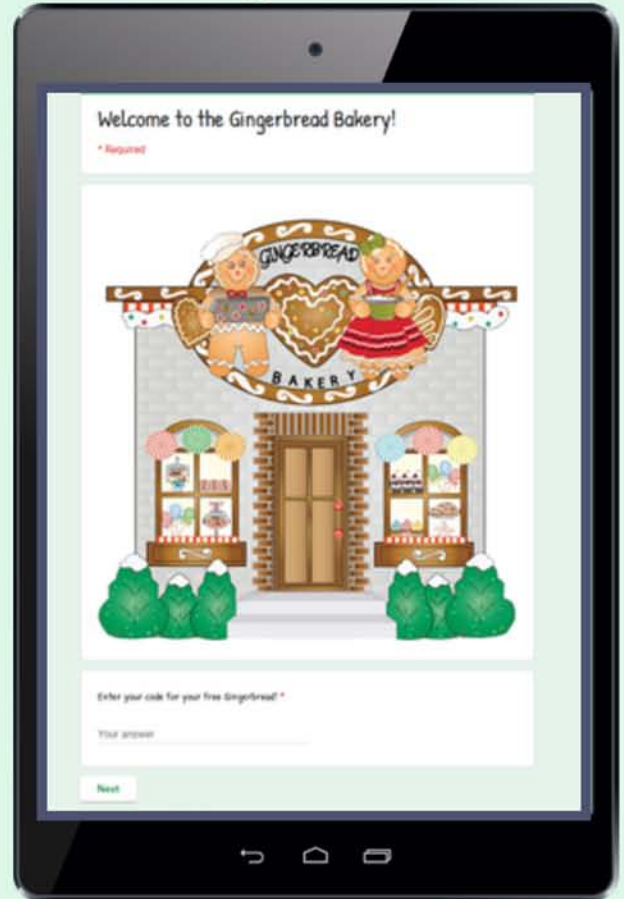
 Self-checking digital version

 Virtual or in-person



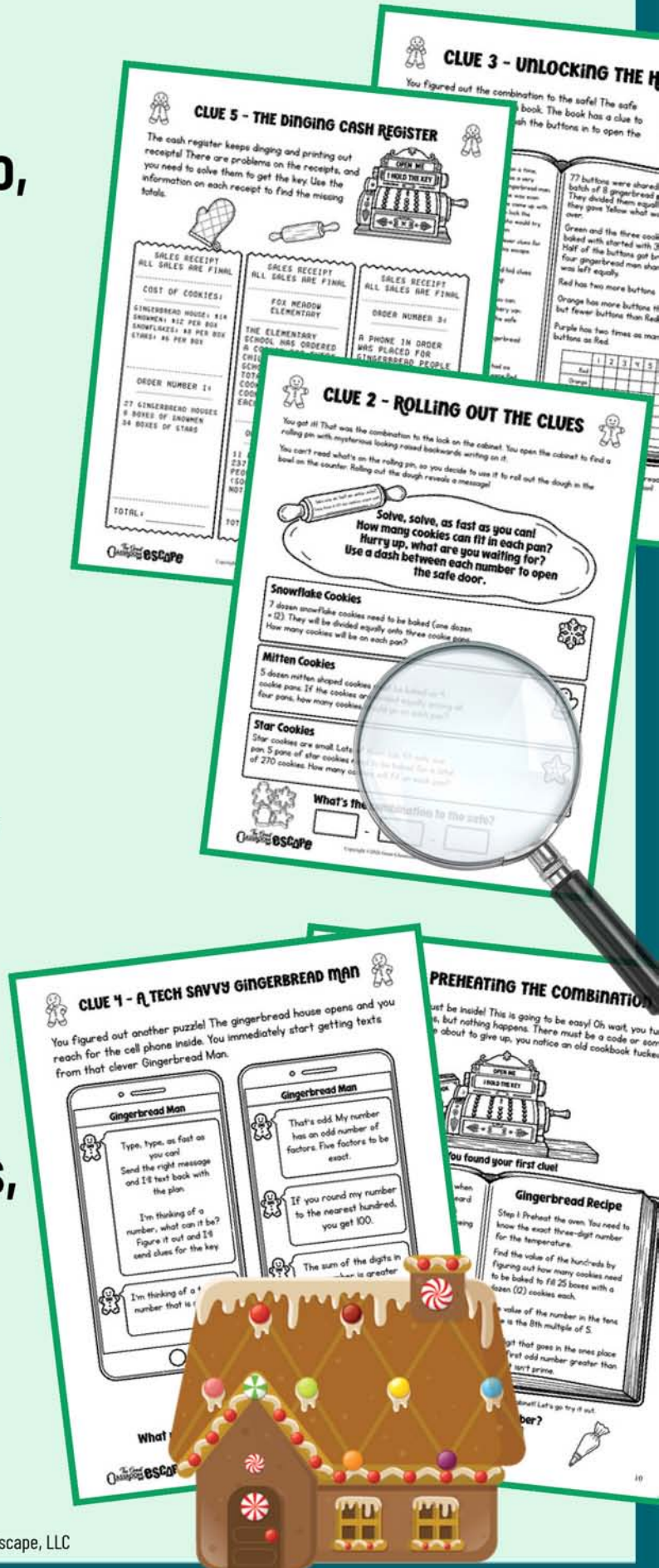
How it Works - Digital:

- The escape room is automated by a Google Form™ (Google™ accounts are not required).
- Students only progress through the puzzles when correct answers are entered.
- Use the quick start link to click & go, or create a copy of the form to save to your drive (the teacher must have a Google Account to save a copy).
- The form provides hints if students enter incorrect answers.

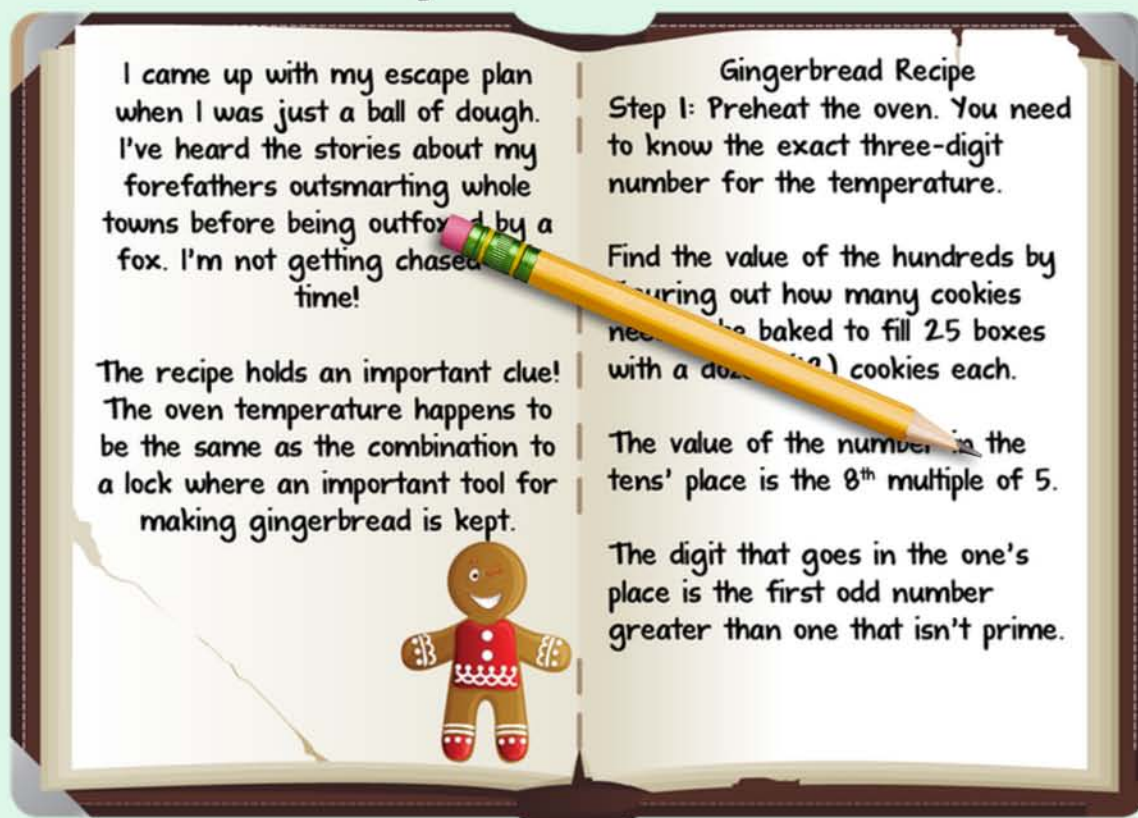


How it Works - Print:

- Low prep!
- Print the five clues, intro, and success page
- Give students the intro and clue 1 to begin
- When students solve a clue, they bring the answer to you.
- If the answer is correct, give the next clue.
- Continue until students solve the final clue.
- Use individually, in pairs, in small groups, or as a whole class.
- Great for centers!



Sample Puzzles



SALES RECEIPT
ALL SALES ARE FINAL

COST OF COOKIES:
GINGERBREAD HOUSE: \$14

SNOWMEN: \$1
SNOWFLAKES:
STARS: \$6

ORDER NUMBER

27 GINGERBREAD
8 BOXES OF SNOWMEN
34 BOXES OF SNOWFLAKES

TOTAL: _____

SALES RECEIPT
ALL SALES ARE FINAL

ORDER NUMBER

A PHONE IN ORDER PLACED FOR GINGERBREAD PEOPLE AND GINGERBREAD PETS. THE ORDER INCLUDED 342 GINGERBREAD PEOPLE THAT IS SIX TIMES NUMBER OF GINGERBREAD PETS THAT WERE ORDERED. HOW MANY GINGERBREAD PETS AND PEOPLE WERE ORDERED ALL TOGETHER?

TOTAL: _____

SALES RECEIPT
ALL SALES ARE FINAL

COST OF COOKIES:
GINGERBREAD HOUSE: \$14.79

SNOWMEN:
SNOWFLAKES:
STARS:

ORDER NUMBER

1 GINGERBREAD
2 SNOWMEN
4 SNOWFLAKES
12 STARS

TOTAL: _____

SALES RECEIPT
ALL SALES ARE FINAL

FOX MEADOW ELEMENTARY THE ELEMENTARY SCHOOL HAS ORDERED A COOKIE FOR EVERY CHILD IN THEIR SCHOOL. FIND THE TOTAL NUMBER OF COOKIES NEEDED. 13 COOKIES COME IN EACH BOX.

ORDER NUMBER 2:

11 BOXES OF SNOWMEN
237 GINGERBREAD PEOPLE (SOLD INDIVIDUALLY, NOT IN BOXES)

TOTAL COOKIES: _____

Directions

7 dozen snowflake cookies need to be baked
(One dozen = 12)

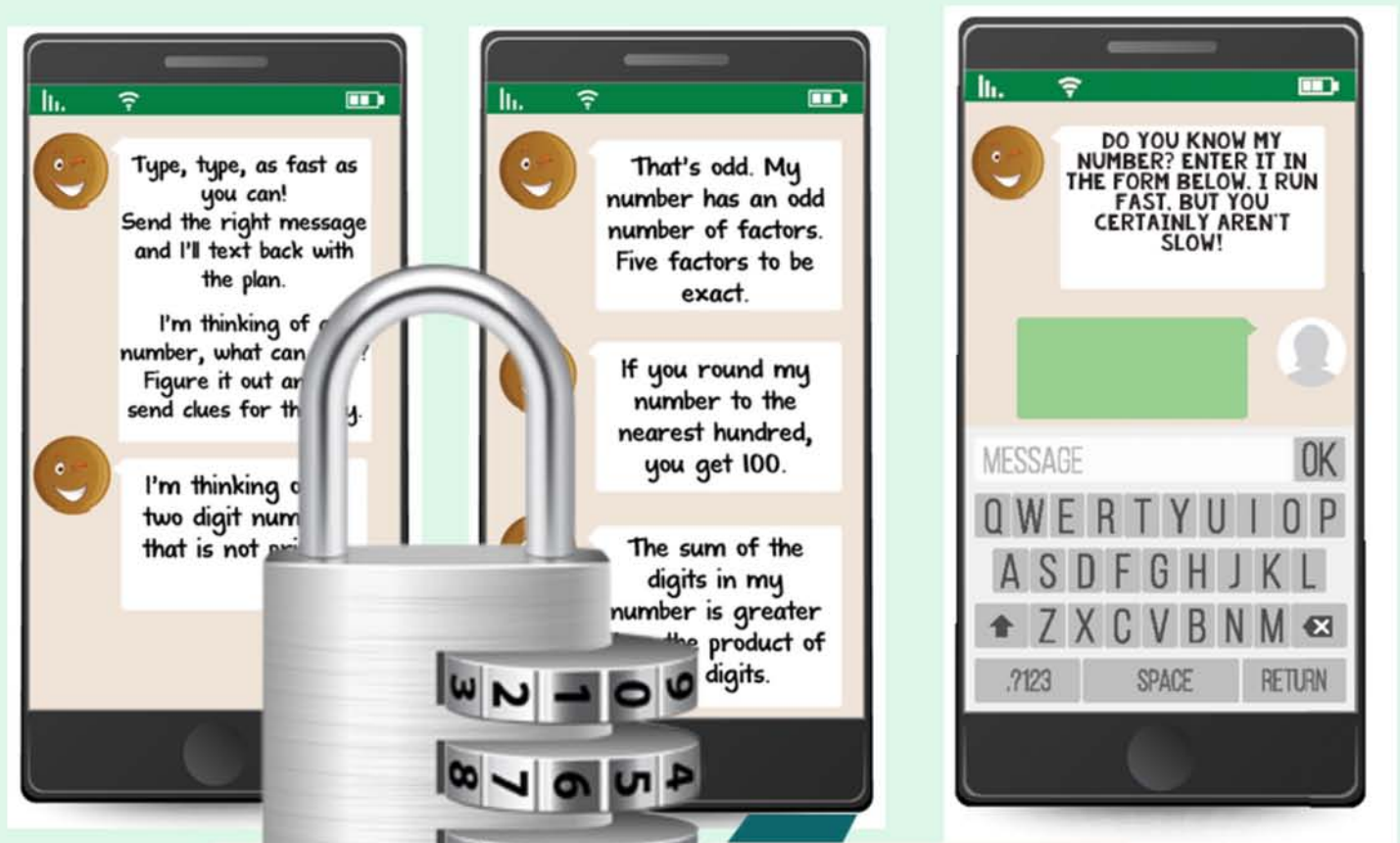
Directions

Star cookies are small. Lots of them can fit onto one pan. 5 pans of star cookies need to be baked for a total of 270 cookies. How many cookies will fit on each pan?

Directions

5 dozen mitten shaped cookies must be baked on 4 cookie pans. If the cookies are divided equally among all four pans, how many cookies should go on each pan?

Sample Puzzles



On very he was a plan to eat him inside the bakery. He thought of clever clues for the people to solve while he made his escape.

He built a very fancy house and hid clues inside. He could be heard singing:

"Push, push, as fast as you can.
While I get away in the bakery van.
You may have found out the safe combination,
But how will you do with gingerbread decoration?"

The very clever gingerbread man had six gingerbread friends. Their names were Red, Orange, Yellow, Green, Blue and Purple. They each had a different number of gumdrop buttons (one, two, three, four, five, and six). Find out how many buttons each one had to find out the order to push the buttons in!

77 buttons were shared between a batch of 8 gingerbread people. They divided them equally, then they gave Yellow what was left over.

Green and the three cookies he was baked with started with 32 buttons. Half of the buttons were broken. The four gingerbread men shared what was left.

Red has two more buttons than Blue.

Orange has more buttons than Blue, but fewer than Yellow.

Purple has two more buttons than Green.

1 2 3 4
Number of Buttons



Optional Pages

Work, work, as fast as you can
Solve the puzzles from the Gingerbread Man!
Use this page to help you out.
You can do it, I have no doubt.

How Many Buttons?

$\frac{\quad}{1}$ $\frac{\quad}{2}$ $\frac{\quad}{3}$ $\frac{\quad}{4}$ $\frac{\quad}{5}$ $\frac{\quad}{6}$
 Number of Buttons

Student
Recording
Page (for
digital)

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Guess My
Number



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CLASSROOM
escape

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Success
Signs

I DIDN'T CATCH THE
GINGERBREAD MAN!
(BUT I DID ESCAPE)

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escape

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