The Great Squishy Swap Mystery

Grade 3 math · Addition, Subtraction, Word problems, Rounding, Division · Reading level grades 1-2

Detective: _____ **Date:** _____

Someone squeezed into the Soft Town Toy Fair and swapped the rare golden squishy for a plain foam block. Detective Sam must follow the soft clues to catch the sneaky trickster.

1. Solve each math problem. The answer is a number, and the letter beside it is what that number stands for.
2. In the clue boxes, write that letter in every box showing the same number, then read the secret clue.
3. Use each clue to cross suspects off the list. The one suspect left at the end is the culprit!

My answer: the Squishy Snatcher is _____

Possible suspects

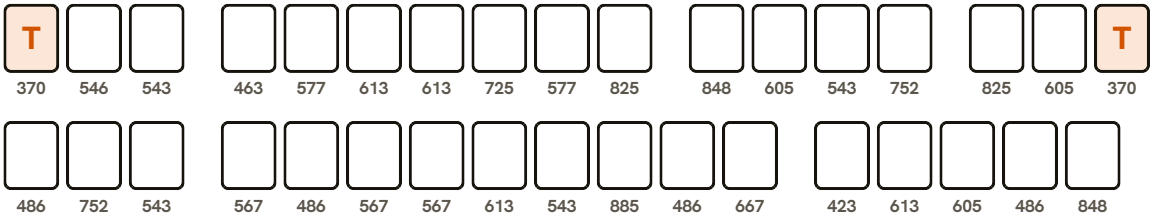
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	SPECIAL MOVE	SECRET SCENT	WRITING HAND	WIG COLOR	SQUISHY WEAKNESS
Leo Loaf	Jelly Pop	Fresh Peach	Left Handed	Pastel Blue Hair	Ice Cube
Pip Plush	Scent Spritz	Fresh Peach	Left Handed	Mint Green Hair	Water Splash
Felix Foam	Jelly Pop	Bubblegum Cloud	Left Handed	Mint Green Hair	Water Splash
Bella Bounce	Slow Rise	Vanilla Spice	Left Handed	Mint Green Hair	Water Splash
Will Waffle	Jelly Pop	Sweet Cocoa	Right Handed	Mint Green Hair	Warm Sun
Toby Toy	Foam Blast	Berry Aroma	Left Handed	Pastel Blue Hair	Warm Sun
Sunny Smush	Scent Spritz	Vanilla Spice	Left Handed	Pastel Blue Hair	Water Splash
Ollie Soft	Super Bounce	Vanilla Spice	Left Handed	Neon Pink Hair	Ice Cube
Cody Cotton	Scent Spritz	Fresh Peach	Left Handed	Neon Pink Hair	Water Splash
Penny Pop	Slow Rise	Berry Aroma	Left Handed	Pastel Blue Hair	Warm Sun
Daisy Donut	Scent Spritz	Sweet Cocoa	Right Handed	Pastel Blue Hair	Ice Cube
Molly Mochi	Scent Spritz	Vanilla Spice	Left Handed	Mint Green Hair	Warm Sun
Abby Acorn	Foam Blast	Sweet Cocoa	Left Handed	Pastel Blue Hair	Warm Sun
Chloe Cloud	Foam Blast	Vanilla Spice	Left Handed	Pastel Blue Hair	Ice Cube
Maya Marshmallow	Jelly Pop	Berry Aroma	Left Handed	Pastel Blue Hair	Ice Cube
Vicky Velvet	Foam Blast	Berry Aroma	Left Handed	Pastel Blue Hair	Ice Cube
Bobby Boba	Slow Rise	Vanilla Spice	Left Handed	Mint Green Hair	Warm Sun
Zack Zip	Jelly Pop	Fresh Peach	Right Handed	Mint Green Hair	Warm Sun
Sam Squeeze	Slow Rise	Berry Aroma	Right Handed	Mint Green Hair	Warm Sun
Rosie Rise	Foam Blast	Berry Aroma	Right Handed	Neon Pink Hair	Warm Sun
Nina Neapolitan	Foam Blast	Bubblegum Cloud	Left Handed	Pastel Blue Hair	Ice Cube

CLUE 1 Addition

Detective Sam adds up all the squishies found near the scene to decode the first clue.

Solve each problem, then write its letter in every clue box that shows the same number.



213 + 157 = ☐ → T

409 + 196 = ☐ → O

490 + 235 = ☐ → A

210 + 357 = ☐ → B

383 + 163 = ☐ → H

258 + 409 = ☐ → M

258 + 285 = ☐ → E

246 + 217 = ☐ → V

477 + 275 = ☐ → S

225 + 198 = ☐ → C

389 + 224 = ☐ → L

364 + 484 = ☐ → D

151 + 335 = ☐ → U

570 + 255 = ☐ → N

269 + 308 = ☐ → I

405 + 480 = ☐ → G

Scratch space:

CLUE 2 Subtraction

Sam takes away the fake toys from the box to reveal a hidden secret message.

Solve each problem, then write its letter in every clue box that shows the same number.



843 - 57 = ☐ → T

696 - 318 = ☐ → M

308 - 121 = ☐ → Q

1040 - 393 = ☐ → B

314 - 184 = ☐ → Z

878 - 292 = ☐ → E

229 - 53 = ☐ → L

1045 - 279 = ☐ → U

703 - 201 = ☐ → R

679 - 123 = ☐ → O

660 - 35 = ☐ → S

1047 - 293 = ☐ → I

898 - 269 = ☐ → P

895 - 328 = ☐ → D

608 - 326 = ☐ → A

872 - 14 = ☐ → N

981 - 240 = ☐ → F

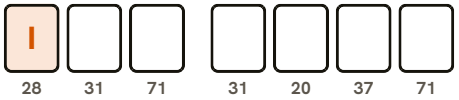
529 - 282 = ☐ → H

Scratch space:

CLUE 3 Word problems

The detective reads a story note left on the toy shelf to unlock the next detail.

Solve each problem, then write its letter in the boxes to fill in the missing word.

Someone scared the villain off with 

.

Squishy Collector lined up 4 rows of 7 gummy bears. How many gummy bears in all?

Answer: ☐ → **I**

Squishy Collector found 45 squishy cats yesterday and 26 more today. How many squishy cats in all?

Answer: ☐ → **E**

Squishy Collector found 14 squishy cats yesterday and 17 more today. How many squishy cats in all?

Answer: ☐ → **C**

There were 42 scented stars. 5 were used up. How many scented stars are left?

Answer: ☐ → **B**

Squishy Collector found 13 gummy bears yesterday and 7 more today. How many gummy bears in all?

Answer: ☐ → **U**

Scratch space:

CLUE 4 Rounding

A fuzzy scanner rounds up the weight of the squishy scrap to narrow down the leads.

Solve each problem, then write its letter in every clue box that shows the same number.

A		A															A					A														
600	70	600	30	80	8000	400	40	400	5000	8000	900	600	2000	500	700	600	30	30	80	500	600	3000	300	8000	300	800	3000	80	900	8000	80	800	9000		

Round 565 to the nearest hundred ☐ → A

Round 70 to the nearest ten ☐ → P

Round 8,592 to the nearest thousand ☐ → Y

Round 7,926 to the nearest thousand ☐ → E

Round 1,944 to the nearest thousand ☐ → I

Round 5,369 to the nearest thousand ☐ → U

Round 2,829 to the nearest thousand ☐ → N

Round 277 to the nearest hundred ☐ → D

Round 80 to the nearest ten ☐ → T

Round 40 to the nearest ten ☐ → B

Round 666 to the nearest hundred ☐ → W

Round 822 to the nearest hundred ☐ → O

Round 858 to the nearest hundred ☐ → H

Round 32 to the nearest ten ☐ → S

Round 369 to the nearest hundred ☐ → L

Round 515 to the nearest hundred ☐ → R

Scratch space:

CLUE 5 Division facts (1-12) - the last clue

> Sam splits the collected clue tokens into equal piles to spot the final villain secret.

First solve each problem. Then find each answer in the numbered list below and cross that sentence out. One sentence will be left - that is exactly what the villain did!

Step 1 - solve these:

21 ÷ 3 = ☐	8 ÷ 1 = ☐	44 ÷ 11 = ☐	24 ÷ 2 = ☐	100 ÷ 10 = ☐
20 ÷ 4 = ☐	63 ÷ 7 = ☐	24 ÷ 8 = ☐	6 ÷ 3 = ☐	110 ÷ 10 = ☐
4 ÷ 4 = ☐				

Step 2 - cross out the sentence with each answer:

1. The villain released scent mist, then puffed vanilla dust.
2. The villain sprayed sticky foam, then dropped fresh peach sparks.
3. The villain released scent mist, then left a berry scent.
4. The villain sprayed sticky foam, then left a berry scent.
5. The villain squished down slowly, then puffed vanilla dust.
6. The villain popped like jelly, then dropped fresh peach sparks.
7. The villain popped like jelly, then left a berry scent.
8. The villain sprayed sticky foam, then puffed vanilla dust.
9. The villain bounced off the walls, then puffed vanilla dust.
10. The villain squished down slowly, then smelled like sweet cocoa.
11. The villain popped like jelly, then puffed vanilla dust.
12. The villain bounced off the walls, then smelled like sweet cocoa.

TEACHER / PARENT

Answer Key

The Great Squishy Swap Mystery

Culprit: Leo Loaf

Jelly Pop · Fresh Peach · Left Handed · Pastel Blue Hair · Ice Cube

Trail: Start 21 → Clue 1 19 → Clue 2 14 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE VILLAIN DOES NOT USE BUBBLEGUM CLOUD"

213 + 157 = 370 (T) · 409 + 196 = 605 (O) · 490 + 235 = 725 (A) · 210 + 357 = 567 (B) · 383 + 163 = 546 (H) · 258 + 409 = 667 (M) · 258 + 285 = 543 (E) · 246 + 217 = 463 (V) · 477 + 275 = 752 (S) · 225 + 198 = 423 (C) · 389 + 224 = 613 (L) · 364 + 484 = 848 (D) · 151 + 335 = 486 (U) · 570 + 255 = 825 (N) · 269 + 308 = 577 (I) · 405 + 480 = 885 (G)

Clue 2 (Subtraction): "THE SQUEEZED FOAM HAS A LEFT THUMB PRINT"

843 - 57 = 786 (T) · 696 - 318 = 378 (M) · 308 - 121 = 187 (Q) · 1040 - 393 = 647 (B) · 314 - 184 = 130 (Z) · 878 - 292 = 586 (E) · 229 - 53 = 176 (L) · 1045 - 279 = 766 (U) · 703 - 201 = 502 (R) · 679 - 123 = 556 (O) · 660 - 35 = 625 (S) · 1047 - 293 = 754 (I) · 898 - 269 = 629 (P) · 895 - 328 = 567 (D) · 608 - 326 = 282 (A) · 872 - 14 = 858 (N) · 981 - 240 = 741 (F) · 529 - 282 = 247 (H)

Clue 3 (Word problems): "ICE CUBE"

Squishy Collector lined up 4 rows of 7 gummy bears. How many gummy bears in all? = 28 (I) · Squishy Collector found 45 squishy cats yesterday and 26 more today. How many squishy cats in all? = 71 (E) · Squishy Collector found 14 squishy cats yesterday and 17 more today. How many squishy cats in all? = 31 (C) · There were 42 scented stars. 5 were used up. How many scented stars are left? = 37 (B) · Squishy Collector found 13 gummy bears yesterday and 7 more today. How many gummy bears in all? = 20 (U)

Clue 4 (Rounding): "A PASTEL BLUE HAIR WAS STRANDED ON THE TOY"

Round 565 to the nearest hundred = 600 (A) · Round 70 to the nearest ten = 70 (P) · Round 8,592 to the nearest thousand = 9000 (Y) · Round 7,926 to the nearest thousand = 8000 (E) · Round 1,944 to the nearest thousand = 2000 (I) · Round 5,369 to the nearest thousand = 5000 (U) · Round 2,829 to the nearest thousand = 3000 (N) · Round 277 to the nearest hundred = 300 (D) · Round 80 to the nearest ten = 80 (T) · Round 40 to the nearest ten = 40 (B) · Round 666 to the nearest hundred = 700 (W) · Round 822 to the nearest hundred = 800 (O) · Round 858 to the nearest hundred = 900 (H) · Round 32 to the nearest ten = 30 (S) · Round 369 to the nearest hundred = 400 (L) · Round 515 to the nearest hundred = 500 (R)

Clue 5 (Division facts (1-12)): surviving statement is box 6 → Leo Loaf

21 ÷ 3 = 7 · 8 ÷ 1 = 8 · 44 ÷ 11 = 4 · 24 ÷ 2 = 12 · 100 ÷ 10 = 10 · 20 ÷ 4 = 5 · 63 ÷ 7 = 9 · 24 ÷ 8 = 3 · 6 ÷ 3 = 2 · 110 ÷ 10 = 11 · 4 ÷ 4 = 1