The Great Squishy Swindle

Grade 4 math · Addition, Subtraction, Word problems, Rounding, Division · Reading level grades 1-2

Detective: _____ **Date:** _____

Someone squished the famous Golden Donut Squishy! Help Detective Pip find the clues and catch the sneaky thief.

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	SQUISHY TYPE	SWEET SCENT	WATCH HAND	HAT COLOR	FOAM STOPPER
Sasha Squeeze	Glitter Donut	Strawberry	Left Wrist Watch	Bright Yellow Visor	Packing Tape
Ian Inflate	Marshmallow Bunny	Strawberry	Right Wrist Watch	Bright Pink Cap	Packing Tape
Pip Puff	Glitter Donut	Bubblegum	Left Wrist Watch	Mint Green Beanie	Ice Cubes
Quinn Quick	Marshmallow Bunny	Warm Chocolate	Left Wrist Watch	Bright Pink Cap	Packing Tape
Gabe Gummy	Marshmallow Bunny	Warm Chocolate	Left Wrist Watch	Mint Green Beanie	Baby Powder
Kevin Knead	Slow Rise Kitty	Fresh Lemon	Right Wrist Watch	Bright Pink Cap	Baby Powder
Timmy Touch	Marshmallow Bunny	Fresh Lemon	Left Wrist Watch	Mint Green Beanie	Baby Powder
Penny Press	Gummy Bear	Warm Chocolate	Right Wrist Watch	Mint Green Beanie	Baby Powder
Bella Bounce	Glitter Donut	Warm Chocolate	Left Wrist Watch	Bright Yellow Visor	Baby Powder
Manny Marshmallow	Glitter Donut	Vanilla Bean	Right Wrist Watch	Bright Pink Cap	Packing Tape
Sam Sponge	Slow Rise Kitty	Bubblegum	Right Wrist Watch	Mint Green Beanie	Baby Powder
Polly Pad	Gummy Bear	Strawberry	Right Wrist Watch	Bright Yellow Visor	Packing Tape
Oliver Oval	Slow Rise Kitty	Warm Chocolate	Left Wrist Watch	Mint Green Beanie	Baby Powder
Rita Roll	Jumbo Panda	Strawberry	Right Wrist Watch	Bright Yellow Visor	Ice Cubes
Chloe Cloud	Gummy Bear	Vanilla Bean	Left Wrist Watch	Mint Green Beanie	Baby Powder
Jenny Jelly	Marshmallow Bunny	Bubblegum	Left Wrist Watch	Bright Yellow Visor	Baby Powder
Fiona Fluff	Slow Rise Kitty	Warm Chocolate	Left Wrist Watch	Mint Green Beanie	Ice Cubes
Sammy Soft	Marshmallow Bunny	Bubblegum	Right Wrist Watch	Bright Pink Cap	Ice Cubes
Lily Light	Glitter Donut	Strawberry	Right Wrist Watch	Mint Green Beanie	Baby Powder
Ellie Elastic	Glitter Donut	Vanilla Bean	Left Wrist Watch	Mint Green Beanie	Ice Cubes
Benny Foam	Slow Rise Kitty	Fresh Lemon	Left Wrist Watch	Mint Green Beanie	Baby Powder

CLUE 1 Addition

Pip adds up total toy tokens left on the front counter.

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



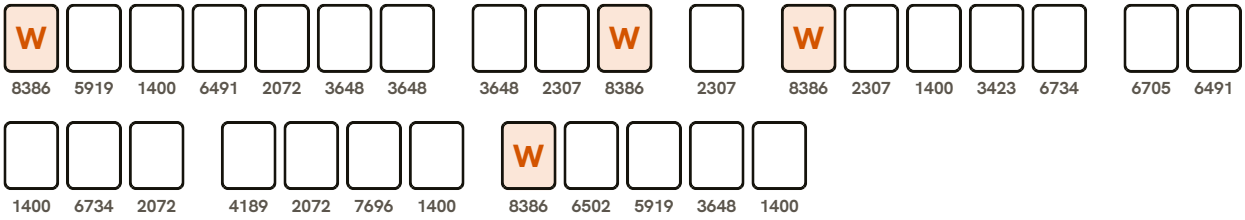
2427 + 1827 = ☐ → T	2662 + 2073 = ☐ → L	4622 + 3746 = ☐ → B
2942 + 6655 = ☐ → E	2900 + 3795 = ☐ → K	1340 + 2687 = ☐ → I
1670 + 1066 = ☐ → N	4220 + 2993 = ☐ → A	2090 + 2449 = ☐ → M
2266 + 5128 = ☐ → O	2064 + 2638 = ☐ → H	1700 + 2087 = ☐ → S
4247 + 2216 = ☐ → V	3684 + 2409 = ☐ → D	

Scratch space:

CLUE 2 Subtraction

Pip subtracts missing soft toys from the main shelf.

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



10668 - 2282 = ☐ → W

6653 - 151 = ☐ → R

5122 - 1474 = ☐ → S

2487 - 1087 = ☐ → T

9301 - 2596 = ☐ → O

12559 - 4863 = ☐ → F

7636 - 4213 = ☐ → C

7223 - 732 = ☐ → N

7550 - 3361 = ☐ → L

6118 - 4046 = ☐ → E

7579 - 1660 = ☐ → I

6945 - 211 = ☐ → H

6597 - 4290 = ☐ → A

Scratch space:

CLUE 3 Word problems

Pip solves a story note left in the baking bowl.

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

Someone scared the villain off with

B		B						E	R
15	66	15	19	77	6	73	42		

.

Baker Ben found 7 scented donuts yesterday and 8 more today. How many scented donuts in all?

Answer: ☐ → B

Baker Ben found 61 gummy bears yesterday and 5 more today. How many gummy bears in all?

Answer: ☐ → A

Baker Ben lined up 7 rows of 11 squishy cats. How many squishy cats in all?

Answer: ☐ → P

There were 57 gummy bears. 38 were used up. How many gummy bears are left?

Answer: ☐ → Y

Baker Ben lined up 2 rows of 3 foam pandas. How many foam pandas in all?

Answer: ☐ → O

There were 104 gummy bears. 31 were used up. How many gummy bears are left?

Answer: ☐ → W

Baker Ben lined up 7 rows of 6 squishy cats. How many squishy cats in all?

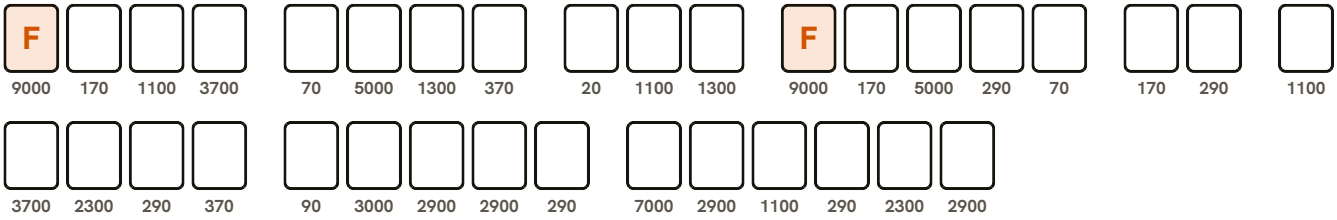
Answer: ☐ → D

Scratch space:

CLUE 4 Rounding

The scale screen rounds up the foam packet weight.

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



Round 8,585 to the nearest thousand ☐ → **F**

Round 2,321 to the nearest hundred ☐ → **I**

Round 173 to the nearest ten ☐ → **O**

Round 1,101 to the nearest hundred ☐ → **A**

Round 3,419 to the nearest thousand ☐ → **R**

Round 7,107 to the nearest thousand ☐ → **B**

Round 74 to the nearest ten ☐ → **D**

Round 287 to the nearest ten ☐ → **N**

Round 1,333 to the nearest hundred ☐ → **S**

Round 2,874 to the nearest hundred ☐ → **E**

Round 21 to the nearest ten ☐ → **W**

Round 367 to the nearest ten ☐ → **T**

Round 87 to the nearest ten ☐ → **G**

Round 5,486 to the nearest thousand ☐ → **U**

Round 3,658 to the nearest hundred ☐ → **M**

Scratch space:

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

Pip splits the glitter jars into equal rows.

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:

2 ÷ 1 = ☐ | 108 ÷ 12 = ☐ | 40 ÷ 8 = ☐ | 21 ÷ 7 = ☐ | 60 ÷ 5 = ☐

30 ÷ 5 = ☐ | 28 ÷ 7 = ☐ | 3 ÷ 3 = ☐ | 50 ÷ 5 = ☐ | 32 ÷ 4 = ☐

49 ÷ 7 = ☐

Step 2 - cross out the sentence with each answer:

1. The villain flattened the glitter donut, then left bubblegum residue.
2. The villain pressed the soft bunny, then spilled lemon oil.
3. The villain squeezed the big panda, then spilled lemon oil.
4. The villain pressed the soft bunny, then dropped strawberry glitter.
5. The villain pressed the soft bunny, then dusted chocolate powder.
6. The villain pinched the gummy bear, then left bubblegum residue.
7. The villain pinched the gummy bear, then dusted chocolate powder.
8. The villain squeezed the big panda, then sprayed vanilla mist.
9. The villain squished the giant kitty, then dusted chocolate powder.
10. The villain squished the giant kitty, then dropped strawberry glitter.
11. The villain squished the giant kitty, then spilled lemon oil.
12. The villain pressed the soft bunny, then left bubblegum residue.

TEACHER / PARENT

Answer Key

The Great Squishy Swindle

Culprit: Benny Foam

Slow Rise Kitty · Fresh Lemon · Left Wrist Watch · Mint Green Beanie · Baby Powder

Trail: Start 21 → Clue 1 18 → Clue 2 10 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE VILLAIN DOES NOT SMELL LIKE VANILLA BEAN"

2427 + 1827 = 4254 (T) · 2662 + 2073 = 4735 (L) · 4622 + 3746 = 8368 (B) · 2942 + 6655 = 9597 (E) · 2900 + 3795 = 6695 (K) · 1340 + 2687 = 4027 (I) · 1670 + 1066 = 2736 (N) · 4220 + 2993 = 7213 (A) · 2090 + 2449 = 4539 (M) · 2266 + 5128 = 7394 (O) · 2064 + 2638 = 4702 (H) · 1700 + 2087 = 3787 (S) · 4247 + 2216 = 6463 (V) · 3684 + 2409 = 6093 (D)

Clue 2 (Subtraction): "WITNESS SAW A WATCH ON THE LEFT WRIST"

10668 - 2282 = 8386 (W) · 6653 - 151 = 6502 (R) · 5122 - 1474 = 3648 (S) · 2487 - 1087 = 1400 (T) · 9301 - 2596 = 6705 (O) · 12559 - 4863 = 7696 (F) · 7636 - 4213 = 3423 (C) · 7223 - 732 = 6491 (N) · 7550 - 3361 = 4189 (L) · 6118 - 4046 = 2072 (E) · 7579 - 1660 = 5919 (I) · 6945 - 211 = 6734 (H) · 6597 - 4290 = 2307 (A)

Clue 3 (Word problems): "BABY POWDER"

Baker Ben found 7 scented donuts yesterday and 8 more today. How many scented donuts in all? = 15 (B) · Baker Ben found 61 gummy bears yesterday and 5 more today. How many gummy bears in all? = 66 (A) · Baker Ben lined up 7 rows of 11 squishy cats. How many squishy cats in all? = 77 (P) · There were 57 gummy bears. 38 were used up. How many gummy bears are left? = 19 (Y) · Baker Ben lined up 2 rows of 3 foam pandas. How many foam pandas in all? = 6 (O) · There were 104 gummy bears. 31 were used up. How many gummy bears are left? = 73 (W) · Baker Ben lined up 7 rows of 6 squishy cats. How many squishy cats in all? = 42 (D)

Clue 4 (Rounding): "FOAM DUST WAS FOUND ON A MINT GREEN BEANIE"

Round 8,585 to the nearest thousand = 9000 (F) · Round 2,321 to the nearest hundred = 2300 (I) · Round 173 to the nearest ten = 170 (O) · Round 1,101 to the nearest hundred = 1100 (A) · Round 3,419 to the nearest thousand = 3000 (R) · Round 7,107 to the nearest thousand = 7000 (B) · Round 74 to the nearest ten = 70 (D) · Round 287 to the nearest ten = 290 (N) · Round 1,333 to the nearest hundred = 1300 (S) · Round 2,874 to the nearest hundred = 2900 (E) · Round 21 to the nearest ten = 20 (W) · Round 367 to the nearest ten = 370 (T) · Round 87 to the nearest ten = 90 (G) · Round 5,486 to the nearest thousand = 5000 (U) · Round 3,658 to the nearest hundred = 3700 (M)

Clue 5 (Division facts (1-12)): surviving statement is box 11 → Benny Foam

2 ÷ 1 = 2 · 108 ÷ 12 = 9 · 40 ÷ 8 = 5 · 21 ÷ 7 = 3 · 60 ÷ 5 = 12 · 30 ÷ 5 = 6 · 28 ÷ 7 = 4 · 3 ÷ 3 = 1 · 50 ÷ 5 = 10 · 32 ÷ 4 = 8 · 49 ÷ 7 = 7