The Case of the Missing Golden Fish Biscuit

Grade 3 math · Rounding, Addition, Subtraction, Multiplication, Division · Reading level grades 3-4

Detective: _____ **Date:** _____

Someone swiped the famous Golden Fish Biscuit right off the kitchen counter! Detective Pawlina is on the case to examine the clue notes, check the stray fur, and catch the sneaky feline culprit.

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 cat burglar is _____

Possible suspects

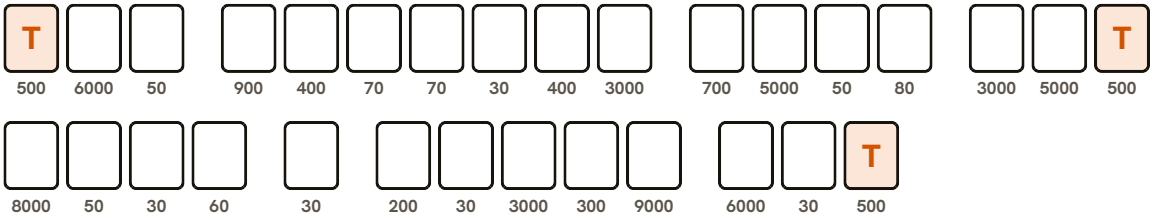
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	SPECIAL TRICK	DISGUISE ITEM	PAW PREFERENCE	FUR COLOR	DISTRACTION ITEM
Simba Tabby	SILENT POUNCE	BELL CHARM	RIGHT HANDED	ORANGE FUR	SQUEAKY MOUSE
Archie Boots	NIGHT VISION	BELL CHARM	LEFT HANDED	CALICO FUR	LASER POINTER
Willow Furr	SILENT POUNCE	RED COLLAR	LEFT HANDED	BLACK FUR	LASER POINTER
Luna Meowton	WALL CLIMB	BOW TIE	LEFT HANDED	ORANGE FUR	SQUEAKY MOUSE
Cleo Whiskers	NIGHT VISION	RED COLLAR	LEFT HANDED	ORANGE FUR	LASER POINTER
Barnaby Purr	HIGH JUMP	RED COLLAR	LEFT HANDED	CALICO FUR	LASER POINTER
Buster Purrkins	SUPER PURR	FLOWER BAND	LEFT HANDED	BLACK FUR	CATNIP SPRAY
Shadow Tail	HIGH JUMP	RED COLLAR	RIGHT HANDED	BLACK FUR	CATNIP SPRAY
Ziggy Pounce	NIGHT VISION	FANCY HAT	LEFT HANDED	BLACK FUR	SQUEAKY MOUSE
Milo Mittens	SILENT POUNCE	FLOWER BAND	LEFT HANDED	BLACK FUR	LASER POINTER
Daisy Claws	SILENT POUNCE	FANCY HAT	RIGHT HANDED	ORANGE FUR	LASER POINTER
Bella Fluff	NIGHT VISION	FANCY HAT	LEFT HANDED	BLACK FUR	CATNIP SPRAY
Jasper Paws	HIGH JUMP	FLOWER BAND	RIGHT HANDED	ORANGE FUR	SQUEAKY MOUSE
Penelope Paws	NIGHT VISION	BELL CHARM	LEFT HANDED	ORANGE FUR	LASER POINTER
Oliver Scratch	WALL CLIMB	RED COLLAR	LEFT HANDED	CALICO FUR	CATNIP SPRAY
Nala Calico	NIGHT VISION	BOW TIE	LEFT HANDED	BLACK FUR	LASER POINTER
Mittens OMalley	SILENT POUNCE	FANCY HAT	LEFT HANDED	BLACK FUR	LASER POINTER
Hazel Fuzzy	SILENT POUNCE	BELL CHARM	LEFT HANDED	BLACK FUR	LASER POINTER
Pepper Scratch	NIGHT VISION	BELL CHARM	RIGHT HANDED	BLACK FUR	LASER POINTER
Felix Pawson	SILENT POUNCE	FANCY HAT	LEFT HANDED	ORANGE FUR	CATNIP SPRAY
Smokey Bean	SUPER PURR	FANCY HAT	LEFT HANDED	BLACK FUR	LASER POINTER

CLUE 1 Rounding

Detective Pawlina checked the bakery security scanner, but the distance monitor only shows rounded numbers.

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



Round 516 to the nearest hundred ☐ → T

Round 679 to the nearest hundred ☐ → D

Round 52 to the nearest ten ☐ → E

Round 7,602 to the nearest thousand ☐ → W

Round 2,572 to the nearest thousand ☐ → N

Round 59 to the nearest ten ☐ → R

Round 29 to the nearest ten ☐ → A

Round 299 to the nearest hundred ☐ → C

Round 73 to the nearest ten ☐ → L

Round 6,210 to the nearest thousand ☐ → H

Round 4,827 to the nearest thousand ☐ → O

Round 906 to the nearest hundred ☐ → V

Round 82 to the nearest ten ☐ → S

Round 157 to the nearest hundred ☐ → F

Round 399 to the nearest hundred ☐ → I

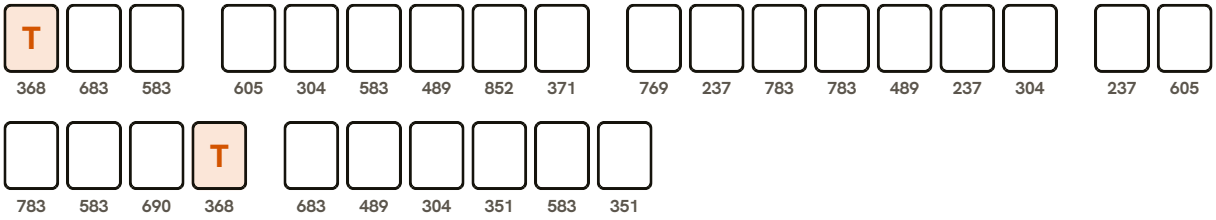
Round 9,056 to the nearest thousand ☐ → Y

Scratch space:

CLUE 2 Addition

The detective counted up all the spilled cat kibble on the bakery floor to find the next clue.

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



141 + 227 = ☐ → T

441 + 328 = ☐ → V

178 + 126 = ☐ → N

230 + 453 = ☐ → H

240 + 249 = ☐ → A

396 + 209 = ☐ → S

495 + 357 = ☐ → K

166 + 71 = ☐ → I

517 + 266 = ☐ → L

294 + 396 = ☐ → F

231 + 120 = ☐ → D

173 + 198 = ☐ → Y

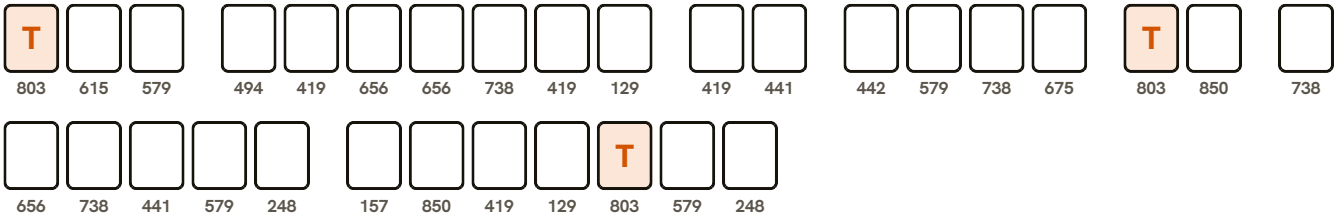
359 + 224 = ☐ → E

Scratch space:

CLUE 3 Subtraction

Comparing the missing baking supplies to what was left helped narrow down the suspect track.

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



1174 - 371 = ☐ → T

1040 - 302 = ☐ → A

235 - 78 = ☐ → P

141 - 12 = ☐ → N

960 - 110 = ☐ → O

774 - 159 = ☐ → H

873 - 198 = ☐ → K

691 - 35 = ☐ → L

687 - 245 = ☐ → W

473 - 225 = ☐ → R

644 - 225 = ☐ → I

869 - 290 = ☐ → E

768 - 327 = ☐ → S

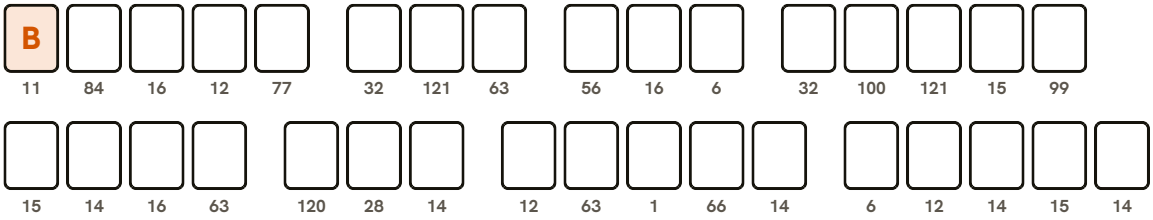
731 - 237 = ☐ → V

Scratch space:

CLUE 4 Multiplication facts (1-12)

> Examining rows of paw prints left in the flour revealed an important pattern.

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



1 × 11 = ☐ → **B**

7 × 4 = ☐ → **H**

7 × 8 = ☐ → **W**

7 × 12 = ☐ → **L**

4 × 3 = ☐ → **C**

10 × 10 = ☐ → **O**

9 × 7 = ☐ → **R**

11 × 9 = ☐ → **D**

7 × 2 = ☐ → **E**

11 × 11 = ☐ → **U**

3 × 5 = ☐ → **N**

1 × 1 = ☐ → **I**

11 × 6 = ☐ → **M**

4 × 4 = ☐ → **A**

2 × 3 = ☐ → **S**

8 × 4 = ☐ → **F**

7 × 11 = ☐ → **K**

10 × 12 = ☐ → **T**

Scratch space:

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

> Splitting the cat treats evenly among the bakery helpers unlocked the final piece of evidence.

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:

48 ÷ 12 = ☐	36 ÷ 4 = ☐	12 ÷ 12 = ☐	80 ÷ 8 = ☐	60 ÷ 12 = ☐
55 ÷ 5 = ☐	108 ÷ 9 = ☐	72 ÷ 9 = ☐	15 ÷ 5 = ☐	14 ÷ 2 = ☐
54 ÷ 9 = ☐				

Step 2 - cross out the sentence with each answer:

1. The villain pounced silently over the counter, then fixed a pretty flower band.
2. The villain sneaked through the dark room with night vision, then straightened a tiny bow tie.
3. The villain climbed up the high kitchen wall, then jingled a shiny bell charm.
4. The villain pounced silently over the counter, then adjusted a bright red collar.
5. The villain jumped high over the bakery gate, then tipped a fancy hat.
6. The villain jumped high over the bakery gate, then jingled a shiny bell charm.
7. The villain pounced silently over the counter, then tipped a fancy hat.
8. The villain sneaked through the dark room with night vision, then tipped a fancy hat.
9. The villain pounced silently over the counter, then jingled a shiny bell charm.
10. The villain climbed up the high kitchen wall, then straightened a tiny bow tie.
11. The villain jumped high over the bakery gate, then straightened a tiny bow tie.
12. The villain pounced silently over the counter, then straightened a tiny bow tie.

TEACHER / PARENT

Answer Key

The Case of the Missing Golden Fish Biscuit

Culprit: Nala Calico

NIGHT VISION · BOW TIE · LEFT HANDED · BLACK FUR · LASER POINTER

Trail: Start 21 → Clue 1 15 → Clue 2 11 → Clue 3 8 → Clue 4 4 → Clue 5 1

Clue 1 (Rounding): "THE VILLAIN DOES NOT WEAR A FANCY HAT"

Round 516 to the nearest hundred = 500 (T) · Round 679 to the nearest hundred = 700 (D) · Round 52 to the nearest ten = 50 (E) · Round 7,602 to the nearest thousand = 8000 (W) · Round 2,572 to the nearest thousand = 3000 (N) · Round 59 to the nearest ten = 60 (R) · Round 29 to the nearest ten = 30 (A) · Round 299 to the nearest hundred = 300 (C) · Round 73 to the nearest ten = 70 (L) · Round 6,210 to the nearest thousand = 6000 (H) · Round 4,827 to the nearest thousand = 5000 (O) · Round 906 to the nearest hundred = 900 (V) · Round 82 to the nearest ten = 80 (S) · Round 157 to the nearest hundred = 200 (F) · Round 399 to the nearest hundred = 400 (I) · Round 9,056 to the nearest thousand = 9000 (Y)

Clue 2 (Addition): "THE SNEAKY VILLAIN IS LEFT HANDED"

141 + 227 = 368 (T) · 441 + 328 = 769 (V) · 178 + 126 = 304 (N) · 230 + 453 = 683 (H) · 240 + 249 = 489 (A) · 396 + 209 = 605 (S) · 495 + 357 = 852 (K) · 166 + 71 = 237 (I) · 517 + 266 = 783 (L) · 294 + 396 = 690 (F) · 231 + 120 = 351 (D) · 173 + 198 = 371 (Y) · 359 + 224 = 583 (E)

Clue 3 (Subtraction): "THE VILLAIN IS WEAK TO A LASER POINTER"

1174 - 371 = 803 (T) · 1040 - 302 = 738 (A) · 235 - 78 = 157 (P) · 141 - 12 = 129 (N) · 960 - 110 = 850 (O) · 774 - 159 = 615 (H) · 873 - 198 = 675 (K) · 691 - 35 = 656 (L) · 687 - 245 = 442 (W) · 473 - 225 = 248 (R) · 644 - 225 = 419 (I) · 869 - 290 = 579 (E) · 768 - 327 = 441 (S) · 731 - 237 = 494 (V)

Clue 4 (Multiplication facts (1-12)): "BLACK FUR WAS FOUND NEAR THE CRIME SCENE"

1 × 11 = 11 (B) · 7 × 4 = 28 (H) · 7 × 8 = 56 (W) · 7 × 12 = 84 (L) · 4 × 3 = 12 (C) · 10 × 10 = 100 (O) · 9 × 7 = 63 (R) · 11 × 9 = 99 (D) · 7 × 2 = 14 (E) · 11 × 11 = 121 (U) · 3 × 5 = 15 (N) · 1 × 1 = 1 (I) · 11 × 6 = 66 (M) · 4 × 4 = 16 (A) · 2 × 3 = 6 (S) · 8 × 4 = 32 (F) · 7 × 11 = 77 (K) · 10 × 12 = 120 (T)

Clue 5 (Division facts (1-12)): surviving statement is box 2 → Nala Calico

48 ÷ 12 = 4 · 36 ÷ 4 = 9 · 12 ÷ 12 = 1 · 80 ÷ 8 = 10 · 60 ÷ 12 = 5 · 55 ÷ 5 = 11 · 108 ÷ 9 = 12 · 72 ÷ 9 = 8 · 15 ÷ 5 = 3 · 14 ÷ 2 = 7 · 54 ÷ 9 = 6