The Great Golden Fish Cookie Caper

Grade 8 math · Addition, Subtraction, Multiplication, Skip counting, Division · Reading level grades 3-4

Detective: _____ **Date:** _____

Someone snuck into the Purrville Cat Cafe kitchen and swiped the legendary Golden Fish Cookie! Detective Whiskers arrived on the scene to gather evidence, interview the feline suspects, and track down the fluffy 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 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 ABILITY	GADGET	DOMINANT PAW	FUR STYLE	DISTRACTION
Zelda	Wall climb	Feather Shield	Left-pawed	Black fur	Laser Pointer
Felix	Mega purr	Feather Shield	Left-pawed	Calico fur	Squeaky Mouse
Barnaby	Silent stealth	Feather Shield	Left-pawed	Tabby fur	Laser Pointer
Cleo	Silent stealth	Yarn Grapple	Right-pawed	Black fur	Catnip Bubble
Figaro	Mega purr	Fish Drone	Right-pawed	Black fur	Laser Pointer
Tom	Night vision	Fish Drone	Right-pawed	Tabby fur	Squeaky Mouse
Gizmo	Night vision	Catnip Bomb	Left-pawed	Black fur	Squeaky Mouse
Shadow	Super pounce	Yarn Grapple	Left-pawed	Tabby fur	Catnip Bubble
Sylvester	Mega purr	Feather Shield	Right-pawed	Black fur	Laser Pointer
Garfield	Super pounce	Catnip Bomb	Right-pawed	Black fur	Squeaky Mouse
Ziggy	Wall climb	Fish Drone	Right-pawed	Black fur	Laser Pointer
Whiskers	Night vision	Yarn Grapple	Right-pawed	Black fur	Squeaky Mouse
Bella	Silent stealth	Yarn Grapple	Right-pawed	Black fur	Laser Pointer
Simba	Silent stealth	Yarn Grapple	Left-pawed	Tabby fur	Laser Pointer
Penelope	Silent stealth	Catnip Bomb	Left-pawed	Black fur	Catnip Bubble
Duchess	Night vision	Yarn Grapple	Right-pawed	Calico fur	Laser Pointer
Mittens	Super pounce	Laser Bell	Right-pawed	Black fur	Laser Pointer
Milo	Silent stealth	Fish Drone	Left-pawed	Black fur	Laser Pointer
Jasper	Night vision	Yarn Grapple	Left-pawed	Black fur	Catnip Bubble
Oliver	Super pounce	Yarn Grapple	Right-pawed	Tabby fur	Squeaky Mouse
Socks	Night vision	Yarn Grapple	Right-pawed	Tabby fur	Squeaky Mouse

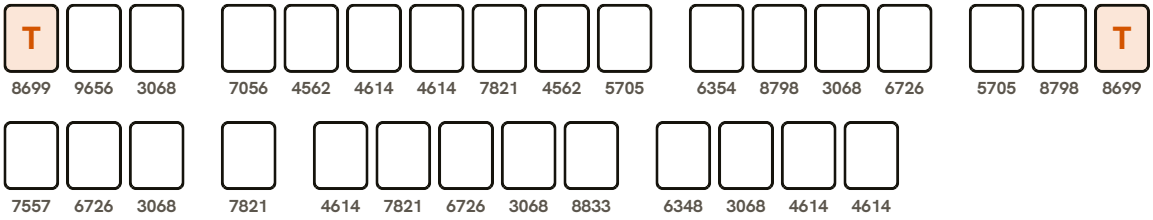
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CLUE 1

Addition

Detective Whiskers counted the scattered treats on the kitchen floor to figure out the thiefs path.

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



4309 + 4390 = ☐ → T	2956 + 1606 = ☐ → I	2682 + 3666 = ☐ → B
3054 + 4503 = ☐ → U	5554 + 4102 = ☐ → H	1007 + 2061 = ☐ → E
2713 + 3641 = ☐ → D	1532 + 3082 = ☐ → L	4463 + 4335 = ☐ → O
3245 + 5588 = ☐ → R	2522 + 4534 = ☐ → V	4790 + 3031 = ☐ → A
3831 + 2895 = ☐ → S	2937 + 2768 = ☐ → N	

Scratch space:

CLUE 2

Subtraction

Chef Mittens checked how many catnip pouches were missing from the locked pantry shelf.

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



11294 - 2786 = ☐ → T

12580 - 4391 = ☐ → H

12236 - 3561 = ☐ → I

7307 - 1997 = ☐ → A

4274 - 50 = ☐ → R

10184 - 2881 = ☐ → P

4890 - 693 = ☐ → W

6905 - 1798 = ☐ → E

5633 - 1133 = ☐ → O

4692 - 2009 = ☐ → S

9035 - 4466 = ☐ → D

3277 - 767 = ☐ → F

7804 - 1373 = ☐ → C

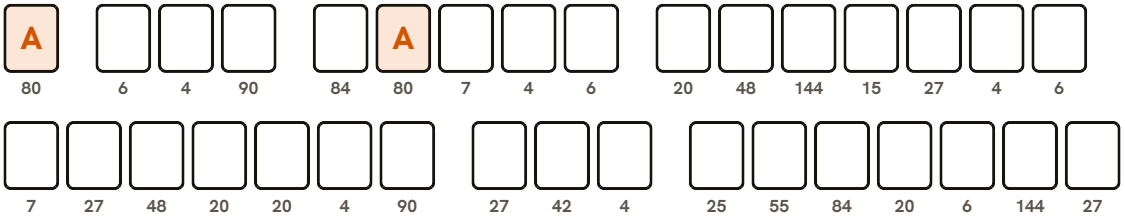
10551 - 1583 = ☐ → G

Scratch space:

CLUE 3 Multiplication facts (1-12)

The detective found rows of scratched tile patterns near the back door display.

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



8 × 10 = ☐ → A

2 × 10 = ☐ → P

3 × 5 = ☐ → N

5 × 5 = ☐ → C

3 × 2 = ☐ → R

10 × 9 = ☐ → D

9 × 3 = ☐ → T

11 × 5 = ☐ → U

12 × 12 = ☐ → I

1 × 7 = ☐ → S

4 × 1 = ☐ → E

7 × 6 = ☐ → H

7 × 12 = ☐ → L

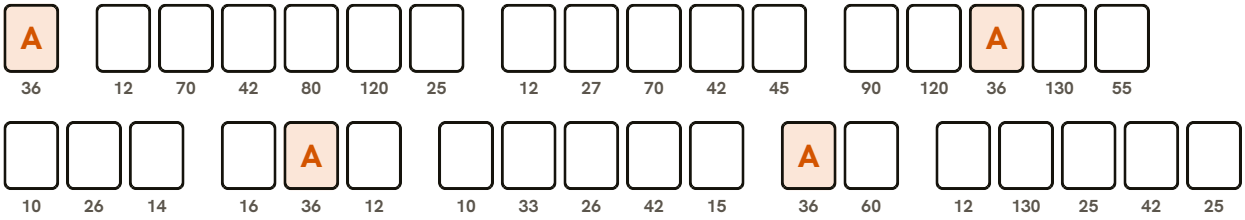
4 × 12 = ☐ → O

Scratch space:

CLUE 4 Skip counting

> Paw prints lined the muddy alleyway in neat sets of four leading toward the fence.

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



Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, ___, 39, 42 ☐ → A

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, ___, 60, 65 ☐ → K

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, ___, 90, 100 ☐ → G

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, ___, 30, 33 ☐ → H

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, ___, 50, 55 ☐ → Y

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, ___, 70, 80 ☐ → T

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, ___, 80, 90 ☐ → I

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, ___, 12, 14 ☐ → F

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, ___, 36, 39 ☐ → O

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, ___, 16, 18 ☐ → R

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, ___, 18, 21 ☐ → D

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, ___, 100, 110 ☐ → B

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, ___, 140, 150 ☐ → C

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, ___, 14, 16 ☐ → **S**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, ___, 28, 30 ☐ → **U**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, ___, 18, 20 ☐ → **W**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, ___, 45, 48 ☐ → **N**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, ___, 130, 140 ☐ → **L**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, ___, 30, 35 ☐ → **E**

Scratch space:

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

> The sleuth divided the leftover fish biscuits evenly among the witness kittens to get their stories.

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:

36 ÷ 3 = ☐	70 ÷ 7 = ☐	16 ÷ 8 = ☐	40 ÷ 10 = ☐	27 ÷ 3 = ☐
5 ÷ 1 = ☐	84 ÷ 12 = ☐	64 ÷ 8 = ☐	72 ÷ 12 = ☐	12 ÷ 12 = ☐
77 ÷ 7 = ☐				

Step 2 - cross out the sentence with each answer:

1. The villain pounced from the rafters, then swung on a yarn grapple.
2. The villain distracted guards with a mega purr, then escaped using a fish drone.
3. The villain scaled the pantry wall, then escaped using a fish drone.
4. The villain distracted guards with a mega purr, then rang the laser bell.
5. The villain crept through the dark, then blocked the entrance with a feather shield.
6. The villain scaled the pantry wall, then dropped a catnip bomb.
7. The villain spotted the target in darkness, then dropped a catnip bomb.
8. The villain scaled the pantry wall, then rang the laser bell.
9. The villain spotted the target in darkness, then rang the laser bell.
10. The villain distracted guards with a mega purr, then blocked the entrance with a feather shield.
11. The villain distracted guards with a mega purr, then dropped a catnip bomb.
12. The villain crept through the dark, then swung on a yarn grapple.

TEACHER / PARENT

Answer Key

The Great Golden Fish Cookie Caper

Culprit: Ziggy

Wall climb · Fish Drone · Right-pawed · Black fur · Laser Pointer

Trail: Start 21 → Clue 1 20 → Clue 2 11 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE VILLAIN DOES NOT USE A LASER BELL"

4309 + 4390 = 8699 (T) · 2956 + 1606 = 4562 (I) · 2682 + 3666 = 6348 (B) · 3054 + 4503 = 7557 (U) · 5554 + 4102 = 9656 (H) · 1007 + 2061 = 3068 (E) · 2713 + 3641 = 6354 (D) · 1532 + 3082 = 4614 (L) · 4463 + 4335 = 8798 (O) · 3245 + 5588 = 8833 (R) · 2522 + 4534 = 7056 (V) · 4790 + 3031 = 7821 (A) · 3831 + 2895 = 6726 (S) · 2937 + 2768 = 5705 (N)

Clue 2 (Subtraction): "THE THIEF SCRATCHED THE DOOR WITH A RIGHT PAW"

11294 - 2786 = 8508 (T) · 12580 - 4391 = 8189 (H) · 12236 - 3561 = 8675 (I) · 7307 - 1997 = 5310 (A) · 4274 - 50 = 4224 (R) · 10184 - 2881 = 7303 (P) · 4890 - 693 = 4197 (W) · 6905 - 1798 = 5107 (E) · 5633 - 1133 = 4500 (O) · 4692 - 2009 = 2683 (S) · 9035 - 4466 = 4569 (D) · 3277 - 767 = 2510 (F) · 7804 - 1373 = 6431 (C) · 10551 - 1583 = 8968 (G)

Clue 3 (Multiplication facts (1-12)): "A RED LASER POINTER STOPPED THE CULPRIT"

8 × 10 = 80 (A) · 2 × 10 = 20 (P) · 3 × 5 = 15 (N) · 5 × 5 = 25 (C) · 3 × 2 = 6 (R) · 10 × 9 = 90 (D) · 9 × 3 = 27 (T) · 11 × 5 = 55 (U) · 12 × 12 = 144 (I) · 1 × 7 = 7 (S) · 4 × 1 = 4 (E) · 7 × 6 = 42 (H) · 7 × 12 = 84 (L) · 4 × 12 = 48 (O)

Clue 4 (Skip counting): "A SINGLE SHINY BLACK FUR WAS FOUND AT SCENE"

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, ___, 39, 42 = 36 (A) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, ___, 60, 65 = 55 (K) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, ___, 90, 100 = 80 (G) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, ___, 30, 33 = 27 (H) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, ___, 50, 55 = 45 (Y) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, ___, 70, 80 = 60 (T) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, ___, 80, 90 = 70 (I) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, ___, 12, 14 = 10 (F) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, ___, 36, 39 = 33 (O) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, ___, 16, 18 = 14 (R) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, ___, 18, 21 = 15 (D) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, ___, 100, 110 = 90 (B) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, ___, 140, 150 = 130 (C) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, ___, 14, 16 = 12 (S) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, ___, 28, 30 = 26 (U) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, ___, 18, 20 = 16 (W) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, ___, 45, 48 = 42 (N) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, ___, 130, 140 = 120 (L) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, ___, 30, 35 = 25 (E)

Clue 5 (Division facts (1-12)): surviving statement is box 3 → Ziggy

36 ÷ 3 = 12 · 70 ÷ 7 = 10 · 16 ÷ 8 = 2 · 40 ÷ 10 = 4 · 27 ÷ 3 = 9 · 5 ÷ 1 = 5 · 84 ÷ 12 = 7 · 64 ÷ 8 = 8 · 72 ÷ 12 = 6 · 12 ÷ 12 = 1 · 77 ÷ 7 = 11