



The Golden Fish Mystery

Grade 1 math · Rounding, Addition, Subtraction, Skip counting, Missing addends · Reading level grades 1-2

Detective: _____ **Date:** _____

Oh no! The shiny Golden Fish Statue has been stolen from the Meow Town Museum. A sneaky cat burglar crept inside and snatched it. We must follow the fuzzy clues and find the 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	FAVORITE TOY	SUPER SKILL	STRIPE PATTERN	FUR COLOR	DISTRACTION
Whiskers	Feather Wand	Super Sneaky	Straight Stripes	Black Fur	Scratching Post
Oliver	Feather Wand	Fast Runner	Swirly Stripes	Black Fur	Scratching Post
Leo	Feather Wand	Fast Runner	Straight Stripes	Black Fur	Opened Tuna Can
Rocky	Catnip Bubble Wand	High Jumper	Straight Stripes	Orange Fur	Warm Sunbeam
Toby	Squeaky Mouse	Super Sneaky	Swirly Stripes	Calico Fur	Scratching Post
Tom	Laser Pointer	High Jumper	Straight Stripes	Black Fur	Opened Tuna Can
Daisy	Laser Pointer	Night Vision	Swirly Stripes	Black Fur	Scratching Post
Milo	Squeaky Mouse	Super Sneaky	Straight Stripes	Orange Fur	Warm Sunbeam
Cleo	Catnip Bubble Wand	Night Vision	Swirly Stripes	Black Fur	Scratching Post
Chloe	Feather Wand	Super Sneaky	Swirly Stripes	Black Fur	Warm Sunbeam
Boots	Laser Pointer	Night Vision	Straight Stripes	Calico Fur	Opened Tuna Can
Simba	Catnip Bubble Wand	Loud Purrer	Swirly Stripes	Black Fur	Scratching Post
Lucy	Yarn Ball Launcher	Fast Runner	Swirly Stripes	Black Fur	Scratching Post
Luna	Squeaky Mouse	Loud Purrer	Straight Stripes	Orange Fur	Warm Sunbeam
Buster	Catnip Bubble Wand	Fast Runner	Straight Stripes	Black Fur	Scratching Post
Sylvester	Feather Wand	Super Sneaky	Swirly Stripes	Calico Fur	Scratching Post
Mittens	Yarn Ball Launcher	Night Vision	Straight Stripes	Black Fur	Opened Tuna Can
Socks	Squeaky Mouse	High Jumper	Straight Stripes	Orange Fur	Scratching Post
Garfield	Catnip Bubble Wand	High Jumper	Straight Stripes	Black Fur	Scratching Post
Lily	Feather Wand	Night Vision	Swirly Stripes	Calico Fur	Warm Sunbeam
Coco	Squeaky Mouse	Super Sneaky	Straight Stripes	Calico Fur	Opened Tuna Can

CLUE 1 Rounding

A scale at the door weighed the thief. It rounds the weight to the nearest ten. Let's look at the screen!

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

T			T									T						
60	30	20	60	30	70	20	300	70	400	900	50	60	90	80	50	200	40	

800	200	600	600	20	600

Round 57 to the nearest ten → **T**

Round 42 to the nearest ten → **D**

Round 52 to the nearest ten → **O**

Round 943 to the nearest hundred → **N**

Round 82 to the nearest ten → **L**

Round 251 to the nearest hundred → **F**

Round 217 to the nearest hundred → **U**

Round 24 to the nearest ten → **E**

Round 70 to the nearest ten → **I**

Round 28 to the nearest ten → **H**

Round 577 to the nearest hundred → **R**

Round 426 to the nearest hundred → **S**

Round 797 to the nearest hundred → **P**

Round 91 to the nearest ten → **A**

Scratch space:

CLUE 2

Addition

We found two bags of treats dropped on the floor. Let's add them up to see how many there are!

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

T															
12	11	2	14	4	17	9	20	17	7	10	18	11	17	16	2

18	9	13	7	4	18

$9 + 3 = \square \rightarrow \boxed{\text{T}}$

$4 + 3 = \square \rightarrow \boxed{\text{R}}$

$12 + 5 = \square \rightarrow \boxed{\text{A}}$

$14 + 6 = \square \rightarrow \boxed{\text{M}}$

$7 + 4 = \square \rightarrow \boxed{\text{H}}$

$13 + 5 = \square \rightarrow \boxed{\text{S}}$

$2 + 7 = \square \rightarrow \boxed{\text{W}}$

$11 + 5 = \square \rightarrow \boxed{\text{V}}$

$4 + 9 = \square \rightarrow \boxed{\text{I}}$

$10 + 4 = \square \rightarrow \boxed{\text{C}}$

$1 + 1 = \square \rightarrow \boxed{\text{E}}$

$7 + 3 = \square \rightarrow \boxed{\text{K}}$

$1 + 3 = \square \rightarrow \boxed{\text{L}}$

Scratch space:

CLUE 3

Subtraction

The thief knocked over a jar of toy mice. Some rolled away. Let's subtract to find how many are left!

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

W																		
19	12	5	17	6	4	8	9	3	16	7	15	3	2	10	7	16	11	9

					W			
17	4	15	2	12	19	17	17	8

$20 - 1 = \square \rightarrow \boxed{W}$

$17 - 7 = \square \rightarrow \boxed{M}$

$15 - 4 = \square \rightarrow \boxed{K}$

$6 - 4 = \square \rightarrow \boxed{H}$

$10 - 3 = \square \rightarrow \boxed{A}$

$13 - 4 = \square \rightarrow \boxed{S}$

$9 - 5 = \square \rightarrow \boxed{N}$

$5 - 2 = \square \rightarrow \boxed{C}$

$18 - 1 = \square \rightarrow \boxed{O}$

$15 - 3 = \square \rightarrow \boxed{E}$

$17 - 2 = \square \rightarrow \boxed{T}$

$14 - 8 = \square \rightarrow \boxed{U}$

$10 - 2 = \square \rightarrow \boxed{D}$

$20 - 4 = \square \rightarrow \boxed{R}$

$9 - 4 = \square \rightarrow \boxed{F}$

Scratch space:

CLUE 4 Skip counting

Paw prints lead down the hall in pairs. Let's skip count by twos to find where they go!

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

B															
100	140	15	24	40	130	60	80	120	15	50	33	18	26	16	55

24	15	80	30	55	26

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, __, 110, 120 → **B**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, __, 27, 30 → **C**

Skip-count by 10s. Fill the blank: 10, 20, __, 40, 50 → **P**

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

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

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, __, 150, 160 → **L**

Skip-count by 10s. Fill the blank: 10, 20, 30, __, 50, 60 → **K**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, __, 65, 70 → **U**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, __, 60, 70 → **S**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, __, 90, 100 → **R**

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

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, __, 18, 21 → **A**

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

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, __, 21, 24 → **N**

Scratch space:

CLUE 5**Missing addends - the last clue**

The curator's treat box is not full. We need to find how many treats are missing to solve this!

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:

$1 + \underline{\quad} = 6$

$9 + \underline{\quad} = 21$

$9 + \underline{\quad} = 19$

$9 + \underline{\quad} = 10$

$5 + \underline{\quad} = 14$

$8 + \underline{\quad} = 16$

$4 + \underline{\quad} = 15$

$5 + \underline{\quad} = 9$

$5 + \underline{\quad} = 7$

$9 + \underline{\quad} = 15$

$5 + \underline{\quad} = 12$

Step 2 - cross out the sentence with each answer:

1. The villain shined a red laser light, then purred loudly to trick the birds.
2. The villain shined a red laser light, then leaped over the tall museum gates.
3. The villain waved a giant feather wand, then dashed down the dark alleyway.
4. The villain waved a giant feather wand, then crept past the sleeping dog guard.
5. The villain shot a huge ball of pink yarn, then dashed down the dark alleyway.
6. The villain blew sticky catnip bubbles, then purred loudly to trick the birds.
7. The villain waved a giant feather wand, then purred loudly to trick the birds.
8. The villain shot a huge ball of pink yarn, then purred loudly to trick the birds.
9. The villain shot a huge ball of pink yarn, then crept past the sleeping dog guard.
10. The villain shined a red laser light, then spotted the exit in the pitch black.
11. The villain tossed a noisy squeaky mouse, then crept past the sleeping dog guard.
12. The villain blew sticky catnip bubbles, then spotted the exit in the pitch black.

Answer Key

The Golden Fish Mystery

Culprit: Oliver

Feather Wand · Fast Runner · Swirly Stripes · Black Fur · Scratching Post

Trail: Start 21 → Clue 1 19 → Clue 2 8 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Rounding): "THE THIEF IS NOT A LOUD PURRER"

Round 57 to the nearest ten = 60 (T) · Round 42 to the nearest ten = 40 (D) · Round 52 to the nearest ten = 50 (O) · Round 943 to the nearest hundred = 900 (N) · Round 82 to the nearest ten = 80 (L) · Round 251 to the nearest hundred = 300 (F) · Round 217 to the nearest hundred = 200 (U) · Round 24 to the nearest ten = 20 (E) · Round 70 to the nearest ten = 70 (I) · Round 28 to the nearest ten = 30 (H) · Round 577 to the nearest hundred = 600 (R) · Round 426 to the nearest hundred = 400 (S) · Round 797 to the nearest hundred = 800 (P) · Round 91 to the nearest ten = 90 (A)

Clue 2 (Addition): "THE CLAW MARKS HAVE SWIRLS"

$9 + 3 = 12$ (T) · $4 + 3 = 7$ (R) · $12 + 5 = 17$ (A) · $14 + 6 = 20$ (M) · $7 + 4 = 11$ (H) · $13 + 5 = 18$ (S) · $2 + 7 = 9$ (W) · $11 + 5 = 16$ (V) · $4 + 9 = 13$ (I) · $10 + 4 = 14$ (C) · $1 + 1 = 2$ (E) · $7 + 3 = 10$ (K) · $1 + 3 = 4$ (L)

Clue 3 (Subtraction): "WE FOUND SCRATCH MARKS ON THE WOOD"

$20 - 1 = 19$ (W) · $17 - 7 = 10$ (M) · $15 - 4 = 11$ (K) · $6 - 4 = 2$ (H) · $10 - 3 = 7$ (A) · $13 - 4 = 9$ (S) · $9 - 5 = 4$ (N) · $5 - 2 = 3$ (C) · $18 - 1 = 17$ (O) · $15 - 3 = 12$ (E) · $17 - 2 = 15$ (T) · $14 - 8 = 6$ (U) · $10 - 2 = 8$ (D) · $20 - 4 = 16$ (R) · $9 - 4 = 5$ (F)

Clue 4 (Skip counting): "BLACK FUR WAS ON THE CARPET"

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, __, 110, 120 = 100 (B) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, __, 27, 30 = 24 (C) · Skip-count by 10s. Fill the blank: 10, 20, __, 40, 50 = 30 (P) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, __, 60, 65 = 55 (E) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, __, 130, 140 = 120 (W) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, __, 150, 160 = 140 (L) · Skip-count by 10s. Fill the blank: 10, 20, 30, __, 50, 60 = 40 (K) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, __, 65, 70 = 60 (U) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, __, 60, 70 = 50 (S) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, __, 90, 100 = 80 (R) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, __, 18, 20 = 16 (H) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, __, 36, 39 = 33 (O) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, __, 18, 21 = 15 (A) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, __, 28, 30 = 26 (T) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, __, 140, 150 = 130 (F) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, __, 21, 24 = 18 (N)

Clue 5 (Missing addends): surviving statement is box 3 → Oliver

$1 + \underline{\quad} = 6 = 5$ · $9 + \underline{\quad} = 21 = 12$ · $9 + \underline{\quad} = 19 = 10$ · $9 + \underline{\quad} = 10 = 1$ · $5 + \underline{\quad} = 14 = 9$ · $8 + \underline{\quad} = 16 = 8$ · $4 + \underline{\quad} = 15 = 11$ · $5 + \underline{\quad} = 9 = 4$ · $5 + \underline{\quad} = 7 = 2$ · $9 + \underline{\quad} = 15 = 6$ · $5 + \underline{\quad} = 12 = 7$