



The Mystery of the Missing Golden Fish

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

Detective: _____ Date: _____

The famous Golden Fish statue has vanished from Purrfect Manor! A sneaky cat burglar snuck inside during the night. Detective Whiskers needs your help finding the culprit before they escape Whiskerville.

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	GEAR	TRIFLES	DOMINANT PAW	FUR PATTERN	DISTRACTION
Luna	Stealth Cloak	Silver Bell	Left Pawed	Orange Tabby	Squeaky Toy
Daisy	Yarn Blaster	Gold Collar	Left Pawed	Calico Fur	Spray Bottle
Cleo	Sonic Meow	Gold Collar	Right Pawed	Orange Tabby	Squeaky Toy
Gizmo	Yarn Blaster	Fish Cracker	Left Pawed	Sleek Black	Laser Pointer
Simba	Claw Climber	Catnip Bomb	Left Pawed	Calico Fur	Squeaky Toy
Ziggy	Sonic Meow	Gold Collar	Right Pawed	Sleek Black	Spray Bottle
Oreo	Claw Climber	Feather Wand	Left Pawed	Sleek Black	Laser Pointer
Bandit	Yarn Blaster	Feather Wand	Right Pawed	Calico Fur	Laser Pointer
Sylvester	Stealth Cloak	Feather Wand	Left Pawed	Orange Tabby	Squeaky Toy
Smokey	Claw Climber	Silver Bell	Right Pawed	Orange Tabby	Spray Bottle
Charlie	Claw Climber	Silver Bell	Right Pawed	Sleek Black	Laser Pointer
Jasper	Yarn Blaster	Feather Wand	Left Pawed	Orange Tabby	Spray Bottle
Pumpkin	Stealth Cloak	Silver Bell	Right Pawed	Sleek Black	Laser Pointer
Socks	Sonic Meow	Silver Bell	Left Pawed	Orange Tabby	Laser Pointer
Oliver	Sonic Meow	Silver Bell	Left Pawed	Sleek Black	Laser Pointer
Milo	Yarn Blaster	Gold Collar	Left Pawed	Sleek Black	Laser Pointer
Bella	Pounce Boots	Gold Collar	Right Pawed	Orange Tabby	Spray Bottle
Whiskers	Stealth Cloak	Fish Cracker	Left Pawed	Sleek Black	Squeaky Toy
Shadow	Stealth Cloak	Gold Collar	Left Pawed	Sleek Black	Laser Pointer
Felix	Sonic Meow	Catnip Bomb	Left Pawed	Sleek Black	Spray Bottle
Tiger	Yarn Blaster	Silver Bell	Right Pawed	Sleek Black	Spray Bottle

CLUE 1

Rounding

The security scanner rounds energy signals to the nearest hundred.

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

T																			
300	7000	9000	700	2000	4300	4300	2900	200	4300	9000	130	170	4300	300	900	130	9000		
110	430	130	7000	700	2000	90	700	2900	9000	2000									

Round 323 to the nearest hundred → **T**

Round 945 to the nearest hundred → **U**

Round 4,289 to the nearest hundred → **O**

Round 9,172 to the nearest thousand → **E**

Round 429 to the nearest ten → **I**

Round 131 to the nearest ten → **S**

Round 114 to the nearest ten → **F**

Round 6,916 to the nearest thousand → **H**

Round 1,986 to the nearest thousand → **R**

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

Round 166 to the nearest ten → **N**

Round 88 to the nearest ten → **A**

Round 693 to the nearest hundred → **C**

Round 2,864 to the nearest hundred → **K**

Scratch space:

CLUE 2 Addition

Detective Whiskers counts up all the missing fish treats in the vault.

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

T

4996 5053 2872 2149 5882 2149 3090 2872 9787 4996 6862 2872 6859 4996 3090 9745 8569

3090 8389 7489 4427 4996 2149 2360 4427 4996 5053 2872 6862 2872 6859 4996

$1692 + 3304 = \boxed{} \rightarrow \boxed{\text{T}}$

$1333 + 816 = \boxed{} \rightarrow \boxed{\text{S}}$

$3374 + 2508 = \boxed{} \rightarrow \boxed{\text{U}}$

$2557 + 1870 = \boxed{} \rightarrow \boxed{\text{N}}$

$2685 + 2368 = \boxed{} \rightarrow \boxed{\text{H}}$

$3808 + 4581 = \boxed{} \rightarrow \boxed{\text{R}}$

$1610 + 750 = \boxed{} \rightarrow \boxed{\text{O}}$

$1047 + 2043 = \boxed{} \rightarrow \boxed{\text{P}}$

$1503 + 1369 = \boxed{} \rightarrow \boxed{\text{E}}$

$5546 + 4241 = \boxed{} \rightarrow \boxed{\text{C}}$

$4368 + 3121 = \boxed{} \rightarrow \boxed{\text{I}}$

$4729 + 3840 = \boxed{} \rightarrow \boxed{\text{W}}$

$4337 + 5408 = \boxed{} \rightarrow \boxed{\text{A}}$

$3607 + 3255 = \boxed{} \rightarrow \boxed{\text{L}}$

$3145 + 3714 = \boxed{} \rightarrow \boxed{\text{F}}$

Scratch space:

Subtraction

The museum guards calculate how many secret vents remain unblocked.

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



 8444 5824 8444 4217 1071 1415 7665 7474 5805 3043 7841 1071 1415



 6700 5805 4217 7841 1415 8444 6347 7841 1071 6700 7841 2785 1071 6347 8444 7841

$11543 - 3099 = \boxed{} \rightarrow \mathbf{A}$

$$12149 - 4675 = \boxed{} \rightarrow \boxed{0}$$

$$3186 - 1771 = \boxed{} \rightarrow \boxed{\text{R}}$$

$10356 - 4532 = \boxed{} \rightarrow \boxed{\text{L}}$

$$10971 - 3306 = \boxed{} \rightarrow \boxed{\text{P}}$$

$11520 - 3679 = \boxed{} \rightarrow \boxed{\text{T}}$

$$6567 - 3524 = \boxed{} \rightarrow \boxed{\text{N}}$$

$$3497 - 2426 = \boxed{} \rightarrow \boxed{\text{E}}$$

$$6484 - 3699 = \boxed{} \rightarrow \boxed{\text{H}}$$

$$8504 - 4287 = \boxed{} \rightarrow \boxed{\text{S}}$$

$$8727 - 2380 = \boxed{} \rightarrow \boxed{\text{C}}$$

$$9925 - 3225 = \boxed{} \rightarrow \boxed{\text{D}}$$

$10629 - 4824 = \boxed{} \rightarrow \boxed{1}$

Scratch space:

CLUE 4
Multiplication facts (1-12)

The team counts equal rows of scratched wallpaper in the hallway.

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

S															S
15	132	36	36	120	10	132	24	60	120	28	55	110	108	24	15

S														
15	25	55	60	120	25	70	25	88	36	144	70	70	110	

$3 \times 5 = \square \rightarrow \boxed{\text{S}}$

$10 \times 7 = \square \rightarrow \boxed{\text{O}}$

$11 \times 5 = \square \rightarrow \boxed{\text{U}}$

$10 \times 1 = \square \rightarrow \boxed{\text{B}}$

$12 \times 12 = \square \rightarrow \boxed{\text{D}}$

$6 \times 10 = \square \rightarrow \boxed{\text{C}}$

$10 \times 12 = \square \rightarrow \boxed{\text{K}}$

$11 \times 12 = \square \rightarrow \boxed{\text{L}}$

$5 \times 5 = \square \rightarrow \boxed{\text{T}}$

$11 \times 8 = \square \rightarrow \boxed{\text{H}}$

$10 \times 11 = \square \rightarrow \boxed{\text{R}}$

$7 \times 4 = \square \rightarrow \boxed{\text{F}}$

$4 \times 6 = \square \rightarrow \boxed{\text{A}}$

$12 \times 3 = \square \rightarrow \boxed{\text{E}}$

$9 \times 12 = \square \rightarrow \boxed{\text{W}}$

Scratch space:

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

The paw patrol splits the collected clue samples evenly into jars.

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:

$120 \div 12 = \boxed{}$

$110 \div 10 = \boxed{}$

$96 \div 12 = \boxed{}$

$32 \div 8 = \boxed{}$

$45 \div 9 = \boxed{}$

$12 \div 12 = \boxed{}$

$60 \div 10 = \boxed{}$

$7 \div 1 = \boxed{}$

$16 \div 8 = \boxed{}$

$45 \div 5 = \boxed{}$

$18 \div 6 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain pounced using spring boots, then dropped a catnip bomb.
2. The villain scaled walls with claw climbers, then dropped a catnip bomb.
3. The villain blasted a loud sonic meow, then left behind a fish cracker.
4. The villain scaled walls with claw climbers, then shattered glass with a gold collar.
5. The villain blasted a loud sonic meow, then waved a feather wand.
6. The villain sneaked by in a stealth cloak, then left behind a fish cracker.
7. The villain scaled walls with claw climbers, then left behind a fish cracker.
8. The villain scaled walls with claw climbers, then waved a feather wand.
9. The villain blasted a loud sonic meow, then dropped a catnip bomb.
10. The villain zapped with the yarn blaster, then shattered glass with a gold collar.
11. The villain blasted a loud sonic meow, then jingled a silver bell.
12. The villain sneaked by in a stealth cloak, then shattered glass with a gold collar.

Answer Key

The Mystery of the Missing Golden Fish

Culprit: Shadow

Stealth Cloak · Gold Collar · Left Pawed · Sleek Black · Laser Pointer

Trail: Start 21 → Clue 1 19 → Clue 2 11 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Rounding): "THE CROOK DOES NOT USE FISH CRACKER"

Round 323 to the nearest hundred = 300 (T) · Round 945 to the nearest hundred = 900 (U) · Round 4,289 to the nearest hundred = 4300 (O) · Round 9,172 to the nearest thousand = 9000 (E) · Round 429 to the nearest ten = 430 (I) · Round 131 to the nearest ten = 130 (S) · Round 114 to the nearest ten = 110 (F) · Round 6,916 to the nearest thousand = 7000 (H) · Round 1,986 to the nearest thousand = 2000 (R) · Round 217 to the nearest hundred = 200 (D) · Round 166 to the nearest ten = 170 (N) · Round 88 to the nearest ten = 90 (A) · Round 693 to the nearest hundred = 700 (C) · Round 2,864 to the nearest hundred = 2900 (K)

Clue 2 (Addition): "THE SUSPECT LEFT PAW PRINTS ON THE LEFT"

$1692 + 3304 = 4996$ (T) · $1333 + 816 = 2149$ (S) · $3374 + 2508 = 5882$ (U) · $2557 + 1870 = 4427$ (N) · $2685 + 2368 = 5053$ (H) · $3808 + 4581 = 8389$ (R) · $1610 + 750 = 2360$ (O) · $1047 + 2043 = 3090$ (P) · $1503 + 1369 = 2872$ (E) · $5546 + 4241 = 9787$ (C) · $4368 + 3121 = 7489$ (I) · $4729 + 3840 = 8569$ (W) · $4337 + 5408 = 9745$ (A) · $3607 + 3255 = 6862$ (L) · $3145 + 3714 = 6859$ (F)

Clue 3 (Subtraction): "A LASER POINTER DISTRACTED THE CAT"

$11543 - 3099 = 8444$ (A) · $12149 - 4675 = 7474$ (O) · $3186 - 1771 = 1415$ (R) · $10356 - 4532 = 5824$ (L) · $10971 - 3306 = 7665$ (P) · $11520 - 3679 = 7841$ (T) · $6567 - 3524 = 3043$ (N) · $3497 - 2426 = 1071$ (E) · $6484 - 3699 = 2785$ (H) · $8504 - 4287 = 4217$ (S) · $8727 - 2380 = 6347$ (C) · $9925 - 3225 = 6700$ (D) · $10629 - 4824 = 5805$ (I)

Clue 4 (Multiplication facts (1-12)): "SLEEK BLACK FUR WAS STUCK TO THE DOOR"

$3 \times 5 = 15$ (S) · $10 \times 7 = 70$ (O) · $11 \times 5 = 55$ (U) · $10 \times 1 = 10$ (B) · $12 \times 12 = 144$ (D) · $6 \times 10 = 60$ (C) · $10 \times 12 = 120$ (K) · $11 \times 12 = 132$ (L) · $5 \times 5 = 25$ (T) · $11 \times 8 = 88$ (H) · $10 \times 11 = 110$ (R) · $7 \times 4 = 28$ (F) · $4 \times 6 = 24$ (A) · $12 \times 3 = 36$ (E) · $9 \times 12 = 108$ (W)

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

$120 \div 12 = 10$ · $110 \div 10 = 11$ · $96 \div 12 = 8$ · $32 \div 8 = 4$ · $45 \div 9 = 5$ · $12 \div 12 = 1$ · $60 \div 10 = 6$ · $7 \div 1 = 7$ · $16 \div 8 = 2$ · $45 \div 5 = 9$ · $18 \div 6 = 3$