



The Great Tuna Trophy Heist

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

Detective: _____ Date: _____

Oh no! The golden Tuna Trophy has been swiped from the Whisker City Museum! The Meow Bandit left muddy paw prints all over the glass display case. It is up to you and the Purr Patrol to find the sneaky cat who did this!

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 Meow Bandit 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	WEARS COLLAR	FUR COLOR	DISTRACTION
Milo	Squeaky Mouse	Wall Climbing	Blue Collar	Orange Tabby	Cardboard Box
Sassy	Squeaky Mouse	Super Sniffing	Red Collar	Calico Patches	Cardboard Box
Mittens	Feather Wand	Silent Sneaking	Red Collar	Calico Patches	Catnip Mist
Marie	Squeaky Mouse	Silent Sneaking	Red Collar	Midnight Black	Catnip Mist
Felix	Yarn Ball	Silent Sneaking	Blue Collar	Midnight Black	Catnip Mist
Tigger	Laser Pointer	Wall Climbing	Red Collar	Orange Tabby	Catnip Mist
Luna	Yarn Ball	Super Sniffing	Blue Collar	Calico Patches	Cardboard Box
Smokey	Yarn Ball	Night Vision	Red Collar	Midnight Black	Catnip Mist
Fluffy	Yarn Ball	Silent Sneaking	Red Collar	Midnight Black	Tuna Flakes
Oliver	Laser Pointer	Night Vision	Blue Collar	Orange Tabby	Tuna Flakes
Chloe	Squeaky Mouse	Wall Climbing	Red Collar	Calico Patches	Tuna Flakes
Nala	Laser Pointer	Night Vision	Red Collar	Midnight Black	Tuna Flakes
Cleo	Crinkle Ball	High Jumping	Red Collar	Midnight Black	Catnip Mist
Tom Cat	Yarn Ball	Night Vision	Blue Collar	Calico Patches	Cardboard Box
Sylvester	Yarn Ball	Silent Sneaking	Blue Collar	Calico Patches	Tuna Flakes
Whiskers	Yarn Ball	Wall Climbing	Red Collar	Midnight Black	Catnip Mist
Duchess	Crinkle Ball	Silent Sneaking	Blue Collar	Orange Tabby	Catnip Mist
Simba	Feather Wand	High Jumping	Red Collar	Orange Tabby	Catnip Mist
Figaro	Squeaky Mouse	Super Sniffing	Blue Collar	Midnight Black	Catnip Mist
Boots	Crinkle Ball	Wall Climbing	Red Collar	Midnight Black	Catnip Mist
Shadow	Yarn Ball	Night Vision	Red Collar	Calico Patches	Catnip Mist

CLUE 1 **Addition**

Detective Whiskers counts the muddy pawprints leading to the museum vault. Add the pawprints on the floor to the prints on the wall to find the first clue!

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

T 854 490 551	856 666 737	368 407 854	368 757 551 511	737 757 854
490 666 907 551	737 407 858 490 854	907 407 511 407 757 737		

$570 + 284 = \square \rightarrow \boxed{\text{T}}$	$516 + 241 = \square \rightarrow \boxed{\text{O}}$	$314 + 423 = \square \rightarrow \boxed{\text{N}}$
$502 + 356 = \square \rightarrow \boxed{\text{G}}$	$233 + 257 = \square \rightarrow \boxed{\text{H}}$	$183 + 368 = \square \rightarrow \boxed{\text{E}}$
$133 + 235 = \square \rightarrow \boxed{\text{D}}$	$306 + 360 = \square \rightarrow \boxed{\text{A}}$	$592 + 264 = \square \rightarrow \boxed{\text{B}}$
$631 + 276 = \square \rightarrow \boxed{\text{V}}$	$271 + 136 = \square \rightarrow \boxed{\text{I}}$	$266 + 245 = \square \rightarrow \boxed{\text{S}}$

Scratch space:

CLUE 2

Word problems

A friendly alley cat has a puzzle for us. Solve his tricky word problem about stolen fish treats to unlock the next secret paper!

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

A witness saw the villain was

R									R
53	9	80	51	11	27	27	64	53	

.

Detective Whiskers found 51 collar bell yesterday and 2 more today. How many collar bell in all?

Answer: → **R**

There were 39 collar bell. 28 were used up. How many collar bell are left?

Answer: → **O**

Detective Whiskers found 9 fish treat yesterday and 42 more today. How many fish treat in all?

Answer: → **C**

Detective Whiskers found 21 yarn ball yesterday and 43 more today. How many yarn ball in all?

Answer: → **A**

Detective Whiskers found 17 scratching post yesterday and 10 more today. How many scratching post in all?

Answer: → **L**

Detective Whiskers lined up 10 rows of 8 scratching post. How many scratching post in all?

Answer: → **D**

Detective Whiskers found 2 yarn ball yesterday and 7 more today. How many yarn ball in all?

Answer: → **E**

Scratch space:

CLUE 3 Rounding

The museum weight sensor tripped, but it only shows numbers rounded to the nearest ten. Round the weight of the bandit to get the security code!

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

U																		
4000	9000	90	5000	700	20	60	30	2000	80	30	9000	20	20	600	9000	20	600	2000

20	400	90	20	400	30	90	300

Round 4,267 to the nearest thousand → **U**

Round 4,606 to the nearest thousand → **C**

Round 654 to the nearest hundred → **A**

Round 8,776 to the nearest thousand → **S**

Round 79 to the nearest ten → **M**

Round 379 to the nearest hundred → **H**

Round 22 to the nearest ten → **T**

Round 26 to the nearest ten → **I**

Round 644 to the nearest hundred → **O**

Round 61 to the nearest ten → **N**

Round 94 to the nearest ten → **E**

Round 256 to the nearest hundred → **F**

Round 2,321 to the nearest thousand → **P**

Scratch space:

CLUE 4 Subtraction

There were twelve golden fish stickers on the trophy case, but some are gone. Subtract the remaining stickers to find the hidden code!

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

W																			
181	253	895	173	437	673	640	689	126	640	673	126	842	880	433	884	371	478	543	541

895	437	486

$237 - 56 = \square \rightarrow \text{W}$	$962 - 67 = \square \rightarrow \text{F}$	$686 - 253 = \square \rightarrow \text{T}$
$703 - 332 = \square \rightarrow \text{L}$	$798 - 257 = \square \rightarrow \text{K}$	$837 - 294 = \square \rightarrow \text{C}$
$1199 - 357 = \square \rightarrow \text{G}$	$550 - 377 = \square \rightarrow \text{O}$	$834 - 397 = \square \rightarrow \text{U}$
$588 - 102 = \square \rightarrow \text{R}$	$1240 - 356 = \square \rightarrow \text{B}$	$1191 - 311 = \square \rightarrow \text{H}$
$192 - 66 = \square \rightarrow \text{I}$	$541 - 288 = \square \rightarrow \text{E}$	$836 - 196 = \square \rightarrow \text{D}$
$844 - 366 = \square \rightarrow \text{A}$	$1040 - 367 = \square \rightarrow \text{N}$	$839 - 150 = \square \rightarrow \text{M}$

Scratch space:

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

The Purr Patrol needs to divide their catnip treats equally among the three search teams. Divide the treats to crack the final clue!

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:

$18 \div 3 = \boxed{}$

$18 \div 9 = \boxed{}$

$56 \div 8 = \boxed{}$

$88 \div 8 = \boxed{}$

$3 \div 3 = \boxed{}$

$15 \div 3 = \boxed{}$

$15 \div 5 = \boxed{}$

$36 \div 9 = \boxed{}$

$63 \div 7 = \boxed{}$

$110 \div 11 = \boxed{}$

$12 \div 1 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain patted the crinkle ball, then spotted the trophy in the dark.
2. The villain pounced on the mouse, then crept past the sleepy guard dog.
3. The villain pounced on the mouse, then spotted the trophy in the dark.
4. The villain pounced on the mouse, then sniffed out the secret treats.
5. The villain patted the crinkle ball, then crept past the sleepy guard dog.
6. The villain patted the crinkle ball, then vaulted onto the high shelf.
7. The villain patted the crinkle ball, then scaled the museum wall.
8. The villain rolled the yarn, then scaled the museum wall.
9. The villain patted the crinkle ball, then sniffed out the secret treats.
10. The villain rolled the yarn, then crept past the sleepy guard dog.
11. The villain pounced on the mouse, then scaled the museum wall.
12. The villain chased the laser dot, then sniffed out the secret treats.

Answer Key

The Great Tuna Trophy Heist

Culprit: Whiskers

Yarn Ball · Wall Climbing · Red Collar · Midnight Black · Catnip Mist

Trail: Start 21 → Clue 1 16 → Clue 2 10 → Clue 3 7 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE BANDIT DOES NOT HAVE NIGHT VISION"

$570 + 284 = 854$ (T) · $516 + 241 = 757$ (O) · $314 + 423 = 737$ (N) · $502 + 356 = 858$ (G) · $233 + 257 = 490$ (H) · $183 + 368 = 551$ (E) · $133 + 235 = 368$ (D) · $306 + 360 = 666$ (A) · $592 + 264 = 856$ (B) · $631 + 276 = 907$ (V) · $271 + 136 = 407$ (I) · $266 + 245 = 511$ (S)

Clue 2 (Word problems): "RED COLLAR"

Detective Whiskers found 51 collar bell yesterday and 2 more today. How many collar bell in all? = 53 (R) · There were 39 collar bell. 28 were used up. How many collar bell are left? = 11 (O) · Detective Whiskers found 9 fish treat yesterday and 42 more today. How many fish treat in all? = 51 (C) · Detective Whiskers found 21 yarn ball yesterday and 43 more today. How many yarn ball in all? = 64 (A) · Detective Whiskers found 17 scratching post yesterday and 10 more today. How many scratching post in all? = 27 (L) · Detective Whiskers lined up 10 rows of 8 scratching post. How many scratching post in all? = 80 (D) · Detective Whiskers found 2 yarn ball yesterday and 7 more today. How many yarn ball in all? = 9 (E)

Clue 3 (Rounding): "USE CATNIP MIST TO STOP THE THIEF"

Round 4,267 to the nearest thousand = 4000 (U) · Round 4,606 to the nearest thousand = 5000 (C) · Round 654 to the nearest hundred = 700 (A) · Round 8,776 to the nearest thousand = 9000 (S) · Round 79 to the nearest ten = 80 (M) · Round 379 to the nearest hundred = 400 (H) · Round 22 to the nearest ten = 20 (T) · Round 26 to the nearest ten = 30 (I) · Round 644 to the nearest hundred = 600 (O) · Round 61 to the nearest ten = 60 (N) · Round 94 to the nearest ten = 90 (E) · Round 256 to the nearest hundred = 300 (F) · Round 2,321 to the nearest thousand = 2000 (P)

Clue 4 (Subtraction): "WE FOUND MIDNIGHT BLACK FUR"

$237 - 56 = 181$ (W) · $962 - 67 = 895$ (F) · $686 - 253 = 433$ (T) · $703 - 332 = 371$ (L) · $798 - 257 = 541$ (K) · $837 - 294 = 543$ (C) · $1199 - 357 = 842$ (G) · $550 - 377 = 173$ (O) · $834 - 397 = 437$ (U) · $588 - 102 = 486$ (R) · $1240 - 356 = 884$ (B) · $1191 - 311 = 880$ (H) · $192 - 66 = 126$ (I) · $541 - 288 = 253$ (E) · $836 - 196 = 640$ (D) · $844 - 366 = 478$ (A) · $1040 - 367 = 673$ (N) · $839 - 150 = 689$ (M)

Clue 5 (Division facts (1-12)): surviving statement is box 8 → Whiskers

$18 \div 3 = 6$ · $18 \div 9 = 2$ · $56 \div 8 = 7$ · $88 \div 8 = 11$ · $3 \div 3 = 1$ · $15 \div 3 = 5$ · $15 \div 5 = 3$ · $36 \div 9 = 4$ · $63 \div 7 = 9$ · $110 \div 11 = 10$ · $12 \div 1 = 12$