



The Great Bakery Caper

Grade 1 math · Place value, Skip counting, Multi-step word problems, Addition, Missing addends · Reading level grades 1-2

Detective: _____ Date: _____

The golden fish cake is gone! A sneaky Cat Burglar took it from the shop window. We must follow the clues to find out who did it.

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

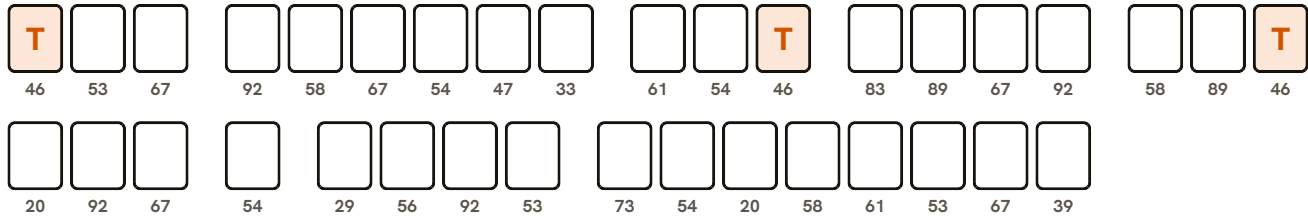
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	SUPER JUMP SKILL	SPY GEAR	BELL SOUND	FUR PATTERN	BIG WEAKNESS
Garfield	Super Jump	Squeaky Mouse	Wears Bell	Black Fur	Hates Vacuum Cleaner
Socks	Night Vision	Catnip Mist	Wears Bell	Black Fur	Hates Vacuum Cleaner
Milo	Super Jump	Fish Launcher	No Bell	Calico Fur	Hates Vacuum Cleaner
Oliver	High Climb	Squeaky Mouse	Wears Bell	Calico Fur	Scared Of Water
Oreo	Night Vision	Yarn Rope	Wears Bell	Black Fur	Scared Of Water
Mittens	High Climb	Red Laser	No Bell	Striped Tabby Fur	Hates Vacuum Cleaner
Luna	Mega Meow	Catnip Mist	Wears Bell	Black Fur	Hates Vacuum Cleaner
Boots	Fast Prowl	Fish Launcher	No Bell	Calico Fur	Hates Vacuum Cleaner
Nala	Fast Prowl	Fish Launcher	Wears Bell	Black Fur	Hates Vacuum Cleaner
Jasper	Night Vision	Red Laser	No Bell	Black Fur	Loves Belly Rubs
Tigger	Super Jump	Red Laser	Wears Bell	Striped Tabby Fur	Loves Belly Rubs
Smokey	Fast Prowl	Fish Launcher	No Bell	Black Fur	Hates Vacuum Cleaner
Pumpkin	Night Vision	Squeaky Mouse	Wears Bell	Striped Tabby Fur	Scared Of Water
Sylvester	Super Jump	Red Laser	No Bell	Black Fur	Hates Vacuum Cleaner
Whiskers	Night Vision	Catnip Mist	Wears Bell	Black Fur	Loves Belly Rubs
Ziggy	Night Vision	Catnip Mist	Wears Bell	Calico Fur	Hates Vacuum Cleaner
Shadow	Super Jump	Squeaky Mouse	No Bell	Striped Tabby Fur	Loves Belly Rubs
Simba	Mega Meow	Red Laser	Wears Bell	Black Fur	Hates Vacuum Cleaner
Cleo	Night Vision	Squeaky Mouse	No Bell	Black Fur	Hates Vacuum Cleaner
Loki	Night Vision	Fish Launcher	Wears Bell	Striped Tabby Fur	Scared Of Water
Chloe	Super Jump	Catnip Mist	No Bell	Striped Tabby Fur	Hates Vacuum Cleaner

CLUE 1 Place value

We look at the bakery screen. The code is written in tens and ones blocks. Let us count them to get the first clue.

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



What number has 4 tens and 6 ones? → **T**

What number has 4 tens and 7 ones? → **K**

What number has 5 tens and 3 ones? → **H**

What number has 8 tens and 3 ones? → **D**

What number has 3 tens and 3 ones? → **Y**

What number has 5 tens and 8 ones? → **N**

What number has 3 tens and 9 ones? → **R**

What number has 2 tens and 9 ones? → **F**

What number has 6 tens and 7 ones? → **E**

What number has 2 tens and 0 ones? → **U**

What number has 9 tens and 2 ones? → **S**

What number has 8 tens and 9 ones? → **O**

What number has 5 tens and 6 ones? → **I**

What number has 5 tens and 4 ones? → **A**

What number has 6 tens and 1 one? → **C**

What number has 7 tens and 3 ones? → **L**

Scratch space:

CLUE 2 Skip counting

The thief left paw prints in the flour. They are in groups of two. Let us count by twos to find the next clue.

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

T													
18	45	60	42	100	22	60	39	20	120	100	25	22	15

12	39	24	26	100	60	33	60	100	100

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

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

Skip-count by 3s. Fill the blank: 3, 6, 9, __, 15, 18 → **J**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, __, 42, 45 → **I**

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

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, __, 24, 26 → **U**

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

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

Skip-count by 5s. Fill the blank: 5, 10, __, 20, 25 → **D**

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, __, 30, 35 → **O**

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

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

→

L

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, __, 70, 80

→

E

Scratch space:

CLUE 3

Multi-step word problems

The thief knocked over some toy mice. First we put three back. Then we found four more. Let us solve this puzzle.

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

Someone scared the villain off with

H									U	U	M		L			N		R	.
10	37	33	32	35	26	37	38					38		32	37		32		

There were 30 yarn balls in all. 10 yarn balls were set aside. The rest were shared equally among 2 The Whisker Patrol. How many yarn balls did each get?

Answer: → **H**

Officer Paw earned 7 yarn balls in each of 6 rounds, plus 4 bonus yarn balls. Then 8 yarn balls were lost. How many yarn balls are left?

Answer: → **C**

Officer Paw filled 6 boxes with 3 yarn balls each, then found 17 more yarn balls. How many yarn balls are there in all?

Answer: → **S**

Officer Paw earned 6 yarn balls in each of 2 rounds, plus 25 bonus yarn balls. Then 4 yarn balls were lost. How many yarn balls are left?

Answer: → **T**

Officer Paw filled 8 boxes with 2 fish treats each, then found 21 more fish treats. How many fish treats are there in all?

Answer: → **A**

Officer Paw earned 7 toy mice in each of 3 rounds, plus 12 bonus toy mice. Then 7 toy mice were lost. How many toy mice are left?

Answer: → **V**

Officer Paw collected 92 toy mice in the morning and 36 toy mice in the afternoon, then split them equally among 4 The Whisker Patrol. How many toy mice did each get?

Answer: → **E**

Scratch space:

CLUE 4 Addition

We find a pile of yarn balls. We add the blue balls and the red balls together. This sum gives us a clue.

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

W																
6	8	16	17	9	7	3	15	4	14	7	10	19	12	11	20	18

16	9	5	17	7	2	4	8	5	9	13

$2 + 4 = \square \rightarrow$ W	$2 + 1 = \square \rightarrow$ D	$9 + 10 = \square \rightarrow$ B	$5 + 4 = \square \rightarrow$ U
$8 + 5 = \square \rightarrow$ G	$9 + 3 = \square \rightarrow$ L	$3 + 4 = \square \rightarrow$ N	$4 + 11 = \square \rightarrow$ S
$3 + 1 = \square \rightarrow$ H	$6 + 10 = \square \rightarrow$ F	$2 + 3 = \square \rightarrow$ R	$6 + 4 = \square \rightarrow$ Y
$9 + 9 = \square \rightarrow$ K	$3 + 5 = \square \rightarrow$ E	$1 + 1 = \square \rightarrow$ T	$3 + 8 = \square \rightarrow$ A
$5 + 9 = \square \rightarrow$ I	$9 + 11 = \square \rightarrow$ C	$11 + 6 = \square \rightarrow$ O	

Scratch space:

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

The treat box is not full. It holds ten fish treats but some are gone. Let us find how many are missing.

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:

$3 + \underline{\quad} = 4$

$7 + \underline{\quad} = 10$

$8 + \underline{\quad} = 13$

$6 + \underline{\quad} = 8$

$7 + \underline{\quad} = 13$

$5 + \underline{\quad} = 15$

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

$1 + \underline{\quad} = 12$

$5 + \underline{\quad} = 13$

$1 + \underline{\quad} = 8$

$1 + \underline{\quad} = 5$

Step 2 - cross out the sentence with each answer:

1. The villain lets out a giant meow to distract everyone, then sprays a cloud of catnip mist.
2. The villain lets out a giant meow to distract everyone, then blasts off with a loud fish launcher.
3. The villain lets out a giant meow to distract everyone, then shines a red laser to make a distraction.
4. The villain dashes past the guard dog, then throws a squeaky mouse to trick us.
5. The villain sneaks through the dark room easily, then sprays a cloud of catnip mist.
6. The villain dashes past the guard dog, then shines a red laser to make a distraction.
7. The villain dashes past the guard dog, then blasts off with a loud fish launcher.
8. The villain climbs up to the high shelf, then swings away using a long yarn rope.
9. The villain leaps over the bakery counter, then shines a red laser to make a distraction.
10. The villain lets out a giant meow to distract everyone, then throws a squeaky mouse to trick us.
11. The villain sneaks through the dark room easily, then throws a squeaky mouse to trick us.
12. The villain leaps over the bakery counter, then throws a squeaky mouse to trick us.

Answer Key

The Great Bakery Caper

Culprit: Garfield

Super Jump · Squeaky Mouse · Wears Bell · Black Fur · Hates Vacuum Cleaner

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

Clue 1 (Place value): "THE SNEAKY CAT DOES NOT USE A FISH LAUNCHER"

What number has 4 tens and 6 ones? = 46 (T) · What number has 4 tens and 7 ones? = 47 (K) · What number has 5 tens and 3 ones? = 53 (H) · What number has 8 tens and 3 ones? = 83 (D) · What number has 3 tens and 3 ones? = 33 (Y) · What number has 5 tens and 8 ones? = 58 (N) · What number has 3 tens and 9 ones? = 39 (R) · What number has 2 tens and 9 ones? = 29 (F) · What number has 6 tens and 7 ones? = 67 (E) · What number has 2 tens and 0 ones? = 20 (U) · What number has 9 tens and 2 ones? = 92 (S) · What number has 8 tens and 9 ones? = 89 (O) · What number has 5 tens and 6 ones? = 56 (I) · What number has 5 tens and 4 ones? = 54 (A) · What number has 6 tens and 1 one? = 61 (C) · What number has 7 tens and 3 ones? = 73 (L)

Clue 2 (Skip counting): "THE CLUE IS A LOUD JINGLE BELL"

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

Clue 3 (Multi-step word problems): "HATES VACUUM CLEANER"

There were 30 yarn balls in all. 10 yarn balls were set aside. The rest were shared equally among 2 The Whisker Patrol. How many yarn balls did each get? = 10 (H) · Officer Paw earned 7 yarn balls in each of 6 rounds, plus 4 bonus yarn balls. Then 8 yarn balls were lost. How many yarn balls are left? = 38 (C) · Officer Paw filled 6 boxes with 3 yarn balls each, then found 17 more yarn balls. How many yarn balls are there in all? = 35 (S) · Officer Paw earned 6 yarn balls in each of 2 rounds, plus 25 bonus yarn balls. Then 4 yarn balls were lost. How many yarn balls are left? = 33 (T) · Officer Paw filled 8 boxes with 2 fish treats each, then found 21 more fish treats. How many fish treats are there in all? = 37 (A) · Officer Paw earned 7 toy mice in each of 3 rounds, plus 12 bonus toy mice. Then 7 toy mice were lost. How many toy mice are left? = 26 (V) · Officer Paw collected 92 toy mice in the morning and 36 toy mice in the afternoon, then split them equally among 4 The Whisker Patrol. How many toy mice did each get? = 32 (E)

Clue 4 (Addition): "WE FOUND SHINY BLACK FUR ON THE RUG"

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

Clue 5 (Missing addends): surviving statement is box 12 → Garfield

$3 + \underline{\quad} = 4 = 1$ · $7 + \underline{\quad} = 10 = 3$ · $8 + \underline{\quad} = 13 = 5$ · $6 + \underline{\quad} = 8 = 2$ · $7 + \underline{\quad} = 13 = 6$ · $5 + \underline{\quad} = 15 = 10$ · $5 + \underline{\quad} = 14 = 9$ · $1 + \underline{\quad} = 12 = 11$ · $5 + \underline{\quad} = 13 = 8$ · $1 + \underline{\quad} = 8 = 7$ · $1 + \underline{\quad} = 5 = 4$