



The Mystery of the Missing Golden Bat

Grade 1 math · Addition, Subtraction, Skip counting, Place value, Missing addends · Reading level grades 3-4

Detective: _____ Date: _____

Just minutes before the championship game, the league trophy vanished from home plate! A clever suspect swapped it for an old wooden bat. Detective kids must inspect the dugout clues and find the culprit.

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 Stadium Snatcher is _____

Possible suspects

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

NAME	SIGNATURE PITCH	SPECIAL GEAR	BATTING HAND	CAP COLOR	GAME WEAKNESS
Lou Gehrig	Bunt Master	Bubblegum Pop	Left Handed	Gold Baseball Cap	Squeaky Bat
Pedro Martinez	Bunt Master	Gold Glove	Left Handed	Gold Baseball Cap	Squeaky Bat
Willie Mays	Fastball Strike	Bubblegum Pop	Left Handed	Red Baseball Cap	Squeaky Bat
Derek Jeter	Power Home Run	Radar Gun Boost	Left Handed	Red Baseball Cap	Squeaky Bat
Sandy Koufax	Steal Base Fast	Shiny Cleats	Left Handed	Gold Baseball Cap	Squeaky Bat
Ty Cobb	Bunt Master	Shiny Cleats	Right Handed	Red Baseball Cap	Flying Mascot
Roberto Clemente	Power Home Run	Shiny Cleats	Right Handed	Gold Baseball Cap	Squeaky Bat
Honus Wagner	Bunt Master	Gold Glove	Left Handed	Blue Baseball Cap	Flying Mascot
Sammy Sosa	Steal Base Fast	Pine Tar Grip	Left Handed	Gold Baseball Cap	Squeaky Bat
Hank Aaron	Power Home Run	Shiny Cleats	Left Handed	Red Baseball Cap	Loud Cheering
Babe Ruth	Steal Base Fast	Gold Glove	Left Handed	Gold Baseball Cap	Flying Mascot
Randy Johnson	Curveball Spin	Shiny Cleats	Right Handed	Gold Baseball Cap	Flying Mascot
Cal Ripken	Bunt Master	Shiny Cleats	Left Handed	Blue Baseball Cap	Squeaky Bat
Ted Williams	Power Home Run	Shiny Cleats	Left Handed	Gold Baseball Cap	Squeaky Bat
Mike Trout	Power Home Run	Pine Tar Grip	Left Handed	Gold Baseball Cap	Flying Mascot
Ken Griffey	Bunt Master	Bubblegum Pop	Right Handed	Red Baseball Cap	Flying Mascot
Aaron Judge	Curveball Spin	Shiny Cleats	Left Handed	Red Baseball Cap	Flying Mascot
Jackie Robinson	Curveball Spin	Gold Glove	Left Handed	Gold Baseball Cap	Loud Cheering
Cy Young	Fastball Strike	Bubblegum Pop	Right Handed	Gold Baseball Cap	Squeaky Bat
Shohei Ohtani	Curveball Spin	Bubblegum Pop	Right Handed	Red Baseball Cap	Squeaky Bat
Ichiro Suzuki	Fastball Strike	Shiny Cleats	Right Handed	Gold Baseball Cap	Squeaky Bat

CLUE 1 Addition

Coach added two buckets of baseballs together to reveal the first secret note.

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

T								T								T
3	10	15	5	4	5	9	15	14	3	11	2	15	5	20	2	3

					T								
4	5	15	9	19	20	15	3	7	13	8	13	19	9

$1 + 2 = \square \rightarrow \text{T}$	$3 + 2 = \square \rightarrow \text{S}$	$1 + 1 = \square \rightarrow \text{O}$	$3 + 8 = \square \rightarrow \text{D}$
$5 + 2 = \square \rightarrow \text{A}$	$2 + 7 = \square \rightarrow \text{P}$	$14 + 6 = \square \rightarrow \text{N}$	$3 + 1 = \square \rightarrow \text{U}$
$9 + 6 = \square \rightarrow \text{E}$	$4 + 10 = \square \rightarrow \text{C}$	$5 + 3 = \square \rightarrow \text{G}$	$6 + 7 = \square \rightarrow \text{R}$
$9 + 10 = \square \rightarrow \text{I}$	$6 + 4 = \square \rightarrow \text{H}$		

Scratch space:

CLUE 2

Subtraction

The scoreboard keeper subtracted the strikes to figure out the next field clue.

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

T					T												T
12	1	9	11	2	12	13	9	5	5	5	17	11	17	16	9	15	12

1	17	13	7	9	7	8	16	17	3	9	18

$16 - 4 =$

→

T

$19 - 1 =$

→

R

$10 - 7 =$

→

Y

$17 - 6 =$

→

W

$17 - 2 =$

→

F

$20 - 3 =$

→

A

$8 - 6 =$

→

I

$17 - 4 =$

→

N

$15 - 8 =$

→

D

$16 - 8 =$

→

P

$5 - 4 =$

→

H

$13 - 4 =$

→

E

$18 - 2 =$

→

L

$7 - 2 =$

→

S

Scratch space:

CLUE 3 Skip counting

The umpire counted base chalk lines by twos to follow the runner footprint trail.

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

A					A				A	
40	80	14	55	25	40	110	27	22	40	60

					A									A		
15	65	80	60	120	40	30	60	25	15	60	130	25	22	40	80	25

120	55	8	8	25	120

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

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, __, 30, 33 → **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, 70, 80, 90, 100, 110, 120, __, 140, 150 → **H**

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

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

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

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

Skip-count by 2s. Fill the blank: 2, 4, 6, __, 10, 12 → **N**

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

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

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, __, 70, 75 → **I**

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

Scratch space:

CLUE 4 Place value

The dugout speed meter split the pitch speed into tens and ones to unlock a clue.

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

A						A				A				A			A	
83	31	47	93	14	67	83	52	13	67	83	93	93	58	83	80	39	83	52
								A										
14	65	47	80	80	13	14	42	13	83	65	52	13	58	47	42	14		

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

What number has 3 tens and 1 one? → **G**

What number has 4 tens and 2 ones? → **N**

What number has 5 tens and 2 ones? → **S**

What number has 1 ten and 4 ones? → **D**

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

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

What number has 1 ten and 3 ones? → **E**

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

What number has 8 tens and 0 ones? → **P**

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

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

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

Scratch space:

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

The snack stand worker counted how many extra peanuts were needed for the box.

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:

$8 + \underline{\quad} = 14$

$1 + \underline{\quad} = 9$

$4 + \underline{\quad} = 14$

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

$5 + \underline{\quad} = 8$

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

$4 + \underline{\quad} = 8$

$7 + \underline{\quad} = 8$

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

$6 + \underline{\quad} = 15$

$4 + \underline{\quad} = 9$

Step 2 - cross out the sentence with each answer:

1. The villain threw a blazing fastball, then flashed a shiny gold glove.
2. The villain dashed to steal third base, then flashed a shiny gold glove.
3. The villain laid down a sneaky bunt, then checked the fast radar gun.
4. The villain dashed to steal third base, then checked the fast radar gun.
5. The villain threw a blazing fastball, then stomped shiny metal cleats.
6. The villain laid down a sneaky bunt, then flashed a shiny gold glove.
7. The villain laid down a sneaky bunt, then stomped shiny metal cleats.
8. The villain dashed to steal third base, then stomped shiny metal cleats.
9. The villain spun a tricky curveball, then flashed a shiny gold glove.
10. The villain hit a massive home run, then stomped shiny metal cleats.
11. The villain hit a massive home run, then blew a giant bubblegum bubble.
12. The villain laid down a sneaky bunt, then blew a giant bubblegum bubble.

Answer Key

The Mystery of the Missing Golden Bat

Culprit: Lou Gehrig

Bunt Master · Bubblegum Pop · Left Handed · Gold Baseball Cap · Squeaky Bat

Trail: Start 21 → Clue 1 19 → Clue 2 12 → Clue 3 7 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE SUSPECT DOES NOT USE PINE TAR GRIP"

$1 + 2 = 3$ (T) · $3 + 2 = 5$ (S) · $1 + 1 = 2$ (O) · $3 + 8 = 11$ (D) · $5 + 2 = 7$ (A) · $2 + 7 = 9$ (P) · $14 + 6 = 20$ (N) · $3 + 1 = 4$ (U) · $9 + 6 = 15$ (E) · $4 + 10 = 14$ (C) · $5 + 3 = 8$ (G) · $6 + 7 = 13$ (R) · $9 + 10 = 19$ (I) · $6 + 4 = 10$ (H)

Clue 2 (Subtraction): "THE WITNESS SAW A LEFT HANDED PLAYER"

$16 - 4 = 12$ (T) · $19 - 1 = 18$ (R) · $10 - 7 = 3$ (Y) · $17 - 6 = 11$ (W) · $17 - 2 = 15$ (F) · $20 - 3 = 17$ (A) · $8 - 6 = 2$ (I) · $17 - 4 = 13$ (N) · $15 - 8 = 7$ (D) · $16 - 8 = 8$ (P) · $5 - 4 = 1$ (H) · $13 - 4 = 9$ (E) · $18 - 2 = 16$ (L) · $7 - 2 = 5$ (S)

Clue 3 (Skip counting): "A SQUEAKY BAT DISTRACTED THE BASE RUNNER"

Skip-count by 10s. Fill the blank: 10, 20, 30, __, 50, 60 = 40 (A) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, __, 24, 26 = 22 (B) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, __, 30, 33 = 27 (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, 70, 80, 90, 100, 110, 120, __, 140, 150 = 130 (H) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, __, 90, 100 = 80 (S) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, __, 30, 35 = 25 (E) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, __, 120, 130 = 110 (K) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, __, 16, 18 = 14 (Q) · Skip-count by 2s. Fill the blank: 2, 4, 6, __, 10, 12 = 8 (N) · Skip-count by 10s. Fill the blank: 10, 20, __, 40, 50 = 30 (C) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, __, 60, 65 = 55 (U) · Skip-count by 5s. Fill the blank: 5, 10, __, 20, 25 = 15 (D) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, __, 70, 75 = 65 (I) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, __, 130, 140 = 120 (R)

Clue 4 (Place value): "A GOLD BASEBALL CAP WAS DROPPED NEAR SECOND"

What number has 8 tens and 3 ones? = 83 (A) · What number has 3 tens and 1 one? = 31 (G) · What number has 4 tens and 2 ones? = 42 (N) · What number has 5 tens and 2 ones? = 52 (S) · What number has 1 ten and 4 ones? = 14 (D) · What number has 5 tens and 8 ones? = 58 (C) · What number has 3 tens and 9 ones? = 39 (W) · What number has 1 ten and 3 ones? = 13 (E) · What number has 6 tens and 7 ones? = 67 (B) · What number has 8 tens and 0 ones? = 80 (P) · What number has 6 tens and 5 ones? = 65 (R) · What number has 4 tens and 7 ones? = 47 (O) · What number has 9 tens and 3 ones? = 93 (L)

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

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