



The Mystery of the Missing Golden Glove

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

Detective: _____ Date: _____

Just before the big game, the stadium trophy case was opened and the team's prized Golden Glove award disappeared! The stadium detective needs your math skills to figure out which player or staff member took 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 stadium thief is _____

Possible suspects

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

NAME	FAVORITE PITCH	GEAR ITEM	BATTING STANCE	CAP COLOR	FAVORITE SNACK
William Contreras	Slider	Catcher Mask	Right Handed	Gold Cap	Bratwurst
Prince Fielder	Changeup	Elbow Guard	Right Handed	Navy Cap	Cheese Curds
Craig Counsell	Changeup	Elbow Guard	Left Handed	Navy Cap	Pretzel Twist
Ryan Braun	Changeup	Batting Gloves	Right Handed	Navy Cap	Cheese Curds
Garrett Mitchell	Fastball	Bat Weight	Right Handed	Navy Cap	Bratwurst
Willy Adames	Sinker	Bat Weight	Left Handed	Navy Cap	Bratwurst
Jonathan Lucroy	Sinker	Pine Tar Stick	Left Handed	Gold Cap	Cheese Curds
Jackson Chourio	Sinker	Elbow Guard	Right Handed	Navy Cap	Bratwurst
Jim Gantner	Sinker	Batting Gloves	Left Handed	Navy Cap	Bratwurst
Devin Williams	Fastball	Bat Weight	Left Handed	Navy Cap	Pretzel Twist
Cecil Fielder	Changeup	Bat Weight	Right Handed	Navy Cap	Cheese Curds
Frank Thomas	Sinker	Catcher Mask	Left Handed	Navy Cap	Cheese Curds
Freddy Peralta	Changeup	Batting Gloves	Right Handed	Navy Cap	Bratwurst
Robin Yount	Changeup	Catcher Mask	Left Handed	Navy Cap	Cheese Curds
Christian Yelich	Slider	Bat Weight	Right Handed	Navy Cap	Cheese Curds
Rollie Fingers	Changeup	Elbow Guard	Left Handed	Gold Cap	Cheese Curds
Sal Frelick	Sinker	Catcher Mask	Right Handed	Retro Cap	Bratwurst
Hank Aaron	Fastball	Bat Weight	Right Handed	Navy Cap	Cheese Curds
Corbin Burnes	Fastball	Bat Weight	Right Handed	Gold Cap	Pretzel Twist
Brice Turang	Changeup	Catcher Mask	Right Handed	Gold Cap	Cheese Curds
Joey Ortiz	Changeup	Bat Weight	Left Handed	Gold Cap	Bratwurst

CLUE 1 Addition

The stadium groundskeeper tallies the total baseballs collected from two dugouts after practice.

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

T			T										T				
756	650	472	756	650	818	472	209	587	818	587	645	425	756	587	987	425	250
					T	T											
416	645	952	829	416	756	756	818	645	429	429	531	425	413	472	391		

$520 + 236 = \square \rightarrow$ T	$236 + 155 = \square \rightarrow$ S	$240 + 185 = \square \rightarrow$ O
$461 + 357 = \square \rightarrow$ I	$224 + 205 = \square \rightarrow$ G	$158 + 314 = \square \rightarrow$ E
$232 + 181 = \square \rightarrow$ V	$658 + 294 = \square \rightarrow$ Y	$203 + 213 = \square \rightarrow$ A
$243 + 344 = \square \rightarrow$ D	$76 + 174 = \square \rightarrow$ P	$477 + 510 = \square \rightarrow$ R
$161 + 370 = \square \rightarrow$ L	$475 + 354 = \square \rightarrow$ B	$241 + 409 = \square \rightarrow$ H
$426 + 219 = \square \rightarrow$ N	$120 + 89 = \square \rightarrow$ F	

Scratch space:

CLUE 2 Rounding

The giant outfield scoreboard rounds the pitch speed to the nearest ten on the digital display.

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

T									T									T
800	200	900	30	3000	30	20	900	50	800	9000	6000	30	6000	90	5000	80	200	800
200	6000	600	8000	900	8000	7000	6000	800	800	900	90							

Round 844 to the nearest hundred → **T**

Round 77 to the nearest ten → **G**

Round 5,222 to the nearest thousand → **I**

Round 232 to the nearest hundred → **H**

Round 908 to the nearest hundred → **E**

Round 6,536 to the nearest thousand → **B**

Round 2,649 to the nearest thousand → **U**

Round 88 to the nearest ten → **R**

Round 5,638 to the nearest thousand → **A**

Round 8,670 to the nearest thousand → **W**

Round 47 to the nearest ten → **C**

Round 28 to the nearest ten → **S**

Round 7,712 to the nearest thousand → **D**

Round 21 to the nearest ten → **P**

Round 563 to the nearest hundred → **N**

Scratch space:

CLUE 3

Subtraction

The bullpen coach counts how many practice balls remain after taking away the scuffed ones.

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

E													E	E		E
269	641	759	149	361	592	553	849	200	837	408	502	159	269	269	200	269

						E		E					
502	413	477	461	200	108	269	477	269	408	837	413	568	461

$334 - 65 = \square \rightarrow \text{E}$

$1119 - 270 = \square \rightarrow \text{G}$

$713 - 236 = \square \rightarrow \text{R}$

$623 - 262 = \square \rightarrow \text{Y}$

$480 - 372 = \square \rightarrow \text{W}$

$880 - 239 = \square \rightarrow \text{M}$

$520 - 107 = \square \rightarrow \text{U}$

$275 - 75 = \square \rightarrow \text{S}$

$358 - 199 = \square \rightarrow \text{H}$

$734 - 232 = \square \rightarrow \text{C}$

$656 - 64 = \square \rightarrow \text{B}$

$455 - 306 = \square \rightarrow \text{T}$

$890 - 322 = \square \rightarrow \text{N}$

$626 - 73 = \square \rightarrow \text{A}$

$466 - 58 = \square \rightarrow \text{F}$

$830 - 71 = \square \rightarrow \text{P}$

$468 - 7 = \square \rightarrow \text{D}$

$1051 - 214 = \square \rightarrow \text{O}$

Scratch space:

CLUE 4

Multiplication facts (1-12)

The equipment manager checks equal rows of bat crates lined up along the tunnel wall.

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

S								S							
80	84	110	77	55	36	50	16	80	81	22	50	50	84	32	44

S		S														
80	77	80	81	84	110	50	36	4	44	4	44	70	16	110	44	81

$10 \times 8 = \square \rightarrow \text{S}$

$12 \times 7 = \square \rightarrow \text{E}$

$5 \times 10 = \square \rightarrow \text{T}$

$8 \times 4 = \square \rightarrow \text{D}$

$7 \times 10 = \square \rightarrow \text{V}$

$4 \times 11 = \square \rightarrow \text{A}$

$11 \times 2 = \square \rightarrow \text{O}$

$11 \times 7 = \square \rightarrow \text{U}$

$11 \times 10 = \square \rightarrow \text{C}$

$6 \times 6 = \square \rightarrow \text{I}$

$9 \times 9 = \square \rightarrow \text{P}$

$2 \times 2 = \square \rightarrow \text{N}$

$5 \times 11 = \square \rightarrow \text{R}$

$2 \times 8 = \square \rightarrow \text{Y}$

Scratch space:

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

The concessions crew splits boxes of stadium pretzels equally among the hungry workers.

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:

$24 \div 3 = \boxed{}$

$7 \div 7 = \boxed{}$

$60 \div 12 = \boxed{}$

$4 \div 2 = \boxed{}$

$121 \div 11 = \boxed{}$

$16 \div 4 = \boxed{}$

$6 \div 2 = \boxed{}$

$72 \div 8 = \boxed{}$

$14 \div 2 = \boxed{}$

$50 \div 5 = \boxed{}$

$48 \div 4 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain snuck in a sneaky changeup, then swung with a heavy bat weight.
2. The villain threw a blazing fastball, then swung with thin batting gloves.
3. The villain dropped a heavy sinker, then swung with thin batting gloves.
4. The villain dropped a heavy sinker, then swung with a pine tar stick.
5. The villain snuck in a sneaky changeup, then strapped on an elbow guard.
6. The villain threw a blazing fastball, then swung with a heavy bat weight.
7. The villain threw a blazing fastball, then swung with a pine tar stick.
8. The villain snapped a fast slider, then swung with a heavy bat weight.
9. The villain spun a sharp curveball, then strapped on a catcher mask.
10. The villain threw a blazing fastball, then strapped on a catcher mask.
11. The villain dropped a heavy sinker, then swung with a heavy bat weight.
12. The villain dropped a heavy sinker, then strapped on an elbow guard.

Answer Key

The Mystery of the Missing Golden Glove

Culprit: Hank Aaron

Fastball · Bat Weight · Right Handed · Navy Cap · Cheese Curds

Trail: Start 21 → Clue 1 18 → Clue 2 10 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE THIEF DID NOT DROP ANY BATTING GLOVES"

$520 + 236 = 756$ (T) · $236 + 155 = 391$ (S) · $240 + 185 = 425$ (O) · $461 + 357 = 818$ (I) · $224 + 205 = 429$ (G) · $158 + 314 = 472$ (E) · $232 + 181 = 413$ (V) · $658 + 294 = 952$ (Y) · $203 + 213 = 416$ (A) · $243 + 344 = 587$ (D) · $76 + 174 = 250$ (P) · $477 + 510 = 987$ (R) · $161 + 370 = 531$ (L) · $475 + 354 = 829$ (B) · $241 + 409 = 650$ (H) · $426 + 219 = 645$ (N) · $120 + 89 = 209$ (F)

Clue 2 (Rounding): "THE SUSPECT WAS A RIGHT HANDED BATTER"

Round 844 to the nearest hundred = 800 (T) · Round 77 to the nearest ten = 80 (G) · Round 5,222 to the nearest thousand = 5000 (I) · Round 232 to the nearest hundred = 200 (H) · Round 908 to the nearest hundred = 900 (E) · Round 6,536 to the nearest thousand = 7000 (B) · Round 2,649 to the nearest thousand = 3000 (U) · Round 88 to the nearest ten = 90 (R) · Round 5,638 to the nearest thousand = 6000 (A) · Round 8,670 to the nearest thousand = 9000 (W) · Round 47 to the nearest ten = 50 (C) · Round 28 to the nearest ten = 30 (S) · Round 7,712 to the nearest thousand = 8000 (D) · Round 21 to the nearest ten = 20 (P) · Round 563 to the nearest hundred = 600 (N)

Clue 3 (Subtraction): "EMPTY BAGS OF CHEESE CURDS WERE FOUND"

$334 - 65 = 269$ (E) · $1119 - 270 = 849$ (G) · $713 - 236 = 477$ (R) · $623 - 262 = 361$ (Y) · $480 - 372 = 108$ (W) · $880 - 239 = 641$ (M) · $520 - 107 = 413$ (U) · $275 - 75 = 200$ (S) · $358 - 199 = 159$ (H) · $734 - 232 = 502$ (C) · $656 - 64 = 592$ (B) · $455 - 306 = 149$ (T) · $890 - 322 = 568$ (N) · $626 - 73 = 553$ (A) · $466 - 58 = 408$ (F) · $830 - 71 = 759$ (P) · $468 - 7 = 461$ (D) · $1051 - 214 = 837$ (O)

Clue 4 (Multiplication facts (1-12)): "SECURITY SPOTTED A SUSPECT IN A NAVY CAP"

$10 \times 8 = 80$ (S) · $12 \times 7 = 84$ (E) · $5 \times 10 = 50$ (T) · $8 \times 4 = 32$ (D) · $7 \times 10 = 70$ (V) · $4 \times 11 = 44$ (A) · $11 \times 2 = 22$ (O) · $11 \times 7 = 77$ (U) · $11 \times 10 = 110$ (C) · $6 \times 6 = 36$ (I) · $9 \times 9 = 81$ (P) · $2 \times 2 = 4$ (N) · $5 \times 11 = 55$ (R) · $2 \times 8 = 16$ (Y)

Clue 5 (Division facts (1-12)): surviving statement is box 6 → Hank Aaron

$24 \div 3 = 8$ · $7 \div 7 = 1$ · $60 \div 12 = 5$ · $4 \div 2 = 2$ · $121 \div 11 = 11$ · $16 \div 4 = 4$ · $6 \div 2 = 3$ · $72 \div 8 = 9$ · $14 \div 2 = 7$ · $50 \div 5 = 10$ · $48 \div 4 = 12$