



The Great World Series Glove Heist

Grade 1 math · Multiplication, Place value, Addition, Rounding, Division · Reading level grades 3-4

Detective: _____ **Date:** _____

The World Series trophy has vanished from the display case right before Game Seven! A mysterious player left behind a trail of baseball cards and equipment. Solve the math puzzles to help the head umpire find the stadium bandit before the final pitch!

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 bandit 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	LUCKY GEAR	BATTING SIDE	CAP STYLE	MAIN DISTRACTION
Jackie Robinson	Changeup	Blue Sox	Right Handed	Curved Brim	Soggy Field
Babe Ruth	Changeup	Maple Bat	Left Handed	Flat Brim	Bright Sun
Mookie Betts	Knuckleball	Red Cleats	Right Handed	Curved Brim	Loud Music
Gerrit Cole	Changeup	Gold Glove	Right Handed	Flat Brim	Loud Music
Jose Altuve	Fastball	Blue Sox	Right Handed	Flat Brim	Soggy Field
Shohei Ohtani	Slider	Maple Bat	Right Handed	Flat Brim	Bright Sun
Corey Seager	Curveball	Gold Glove	Right Handed	Flat Brim	Soggy Field
Ted Williams	Fastball	Maple Bat	Left Handed	Flat Brim	Bright Sun
Julio Rodriguez	Knuckleball	Gold Glove	Left Handed	Flat Brim	Soggy Field
Honus Wagner	Knuckleball	Tar Helmet	Right Handed	Flat Brim	Soggy Field
Hank Aaron	Knuckleball	Red Cleats	Right Handed	Backward Cap	Bright Sun
Willie Mays	Fastball	Gold Glove	Left Handed	Backward Cap	Soggy Field
Mike Trout	Fastball	Gold Glove	Right Handed	Flat Brim	Soggy Field
Ronald Acuna	Slider	Red Cleats	Left Handed	Backward Cap	Soggy Field
Cy Young	Curveball	Red Cleats	Right Handed	Curved Brim	Soggy Field
Clayton Kershaw	Knuckleball	Gold Glove	Left Handed	Flat Brim	Loud Music
Justin Verlander	Fastball	Tar Helmet	Left Handed	Backward Cap	Soggy Field
Max Scherzer	Changeup	Gold Glove	Right Handed	Backward Cap	Soggy Field
Ty Cobb	Knuckleball	Red Cleats	Right Handed	Flat Brim	Soggy Field
Roberto Clemente	Curveball	Tar Helmet	Left Handed	Curved Brim	Bright Sun
Lou Gehrig	Fastball	Blue Sox	Right Handed	Curved Brim	Loud Music

CLUE 1
Multiplication facts (1-12)

The umpire counts rows of team baseballs in the dugout. We can find the first clue if we multiply the rows to get the total count!

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

T			T																
15	20	28	15	20	49	28	7	56	24	28	21	66	24	T	15	25	28	44	33
33	28	56	6	144	28	44	T	15	21										

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

$2 \times 12 = \square \rightarrow \boxed{\text{O}}$

$8 \times 7 = \square \rightarrow \boxed{\text{D}}$

$3 \times 2 = \square \rightarrow \boxed{\text{C}}$

$7 \times 3 = \square \rightarrow \boxed{\text{S}}$

$1 \times 7 = \square \rightarrow \boxed{\text{F}}$

$11 \times 6 = \square \rightarrow \boxed{\text{N}}$

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

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

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

$3 \times 11 = \square \rightarrow \boxed{\text{R}}$

$7 \times 7 = \square \rightarrow \boxed{\text{I}}$

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

$4 \times 5 = \square \rightarrow \boxed{\text{H}}$

Scratch space:

CLUE 2 Place value

Inside the locker room, we find a combination lock. We must look at the tens and ones place of the total jersey count to crack it.

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

T										T						
26	64	35	50	82	74	70	13	17	26	89	33	17	32	12	89	

				T						
13	17	12	64	26	64	21	32	99	35	99

What number has 2 tens and 6 ones? → **T**

What number has 5 tens and 0 ones? → **C**

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

What number has 3 tens and 2 ones? → **N**

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

What number has 7 tens and 0 ones? → **P**

What number has 9 tens and 9 ones? → **D**

What number has 2 tens and 1 one? → **A**

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

What number has 1 ten and 2 ones? → **G**

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

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

What number has 1 ten and 7 ones? → **I**

What number has 8 tens and 2 ones? → **U**

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

Scratch space:

CLUE 3

Addition

A pile of team caps is scattered by the home plate. Let us add up all the caps to unlock the third clue!

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

T															
11	20	13	4	2	14	17	10	16	8	3	2	16	15	15	4

9	17	13	14	12

$7 + 4 = \square \rightarrow \text{T}$

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

$6 + 11 = \square \rightarrow \text{I}$

$12 + 4 = \square \rightarrow \text{O}$

$1 + 2 = \square \rightarrow \text{A}$

$2 + 6 = \square \rightarrow \text{N}$

$5 + 9 = \square \rightarrow \text{L}$

$9 + 6 = \square \rightarrow \text{G}$

$1 + 1 = \square \rightarrow \text{S}$

$14 + 6 = \square \rightarrow \text{H}$

$7 + 2 = \square \rightarrow \text{F}$

$9 + 4 = \square \rightarrow \text{E}$

$1 + 3 = \square \rightarrow \text{Y}$

$5 + 5 = \square \rightarrow \text{P}$

Scratch space:

CLUE 4 Rounding

The radar gun on the field displays the pitch speed, but the screen is cracked. We must round the speed to the nearest ten to read the clue.

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

T 90020080	600706090	5040	T 900200806070	800500300	6020
T 40700500900					

Round 907 to the nearest hundred → **T**

Round 791 to the nearest hundred → **C**

Round 81 to the nearest ten → **E**

Round 539 to the nearest hundred → **A**

Round 74 to the nearest ten → **R**

Round 44 to the nearest ten → **F**

Round 64 to the nearest ten → **I**

Round 88 to the nearest ten → **M**

Round 700 to the nearest hundred → **L**

Round 281 to the nearest hundred → **P**

Round 184 to the nearest hundred → **H**

Round 583 to the nearest hundred → **B**

Round 20 to the nearest ten → **S**

Round 51 to the nearest ten → **O**

Scratch space:

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

The team mascot wants to share baseball cards equally among the fans. Divide the card deck to get our 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:

$24 \div 3 = \boxed{}$

$100 \div 10 = \boxed{}$

$36 \div 9 = \boxed{}$

$66 \div 11 = \boxed{}$

$63 \div 7 = \boxed{}$

$35 \div 7 = \boxed{}$

$10 \div 5 = \boxed{}$

$63 \div 9 = \boxed{}$

$48 \div 4 = \boxed{}$

$12 \div 12 = \boxed{}$

$33 \div 3 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain throws a sharp sliding pitch, then catches the ball with a gold glove.
2. The villain throws a sharp sliding pitch, then steals second base in red cleats.
3. The villain fires a looping curveball, then catches the ball with a gold glove.
4. The villain hurls a tricky knuckleball, then adjusts a pine tar helmet.
5. The villain throws a sharp sliding pitch, then smashes a home run with a maple bat.
6. The villain tosses a slow changeup pitch, then runs the bases wearing blue sox.
7. The villain throws a sharp sliding pitch, then adjusts a pine tar helmet.
8. The villain throws a blistering fastball, then catches the ball with a gold glove.
9. The villain fires a looping curveball, then smashes a home run with a maple bat.
10. The villain throws a blistering fastball, then runs the bases wearing blue sox.
11. The villain fires a looping curveball, then steals second base in red cleats.
12. The villain hurls a tricky knuckleball, then catches the ball with a gold glove.

Answer Key

The Great World Series Glove Heist

Culprit: Corey Seager

Curveball · Gold Glove · Right Handed · Flat Brim · Soggy Field

Trail: Start 21 → Clue 1 16 → Clue 2 9 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Multiplication facts (1-12)): "THE THIEF DOES NOT WEAR RED CLEATS"

$3 \times 5 = 15$ (T) · $2 \times 12 = 24$ (O) · $8 \times 7 = 56$ (D) · $3 \times 2 = 6$ (C) · $7 \times 3 = 21$ (S) · $1 \times 7 = 7$ (F) · $11 \times 6 = 66$ (N) · $11 \times 4 = 44$ (A) · $7 \times 4 = 28$ (E) · $12 \times 12 = 144$ (L) · $3 \times 11 = 33$ (R) · $7 \times 7 = 49$ (I) · $5 \times 5 = 25$ (W) · $4 \times 5 = 20$ (H)

Clue 2 (Place value): "THE CULPRIT SWINGS RIGHT HANDED"

What number has 2 tens and 6 ones? = 26 (T) · What number has 5 tens and 0 ones? = 50 (C) · What number has 6 tens and 4 ones? = 64 (H) · What number has 3 tens and 2 ones? = 32 (N) · What number has 3 tens and 3 ones? = 33 (W) · What number has 7 tens and 0 ones? = 70 (P) · What number has 9 tens and 9 ones? = 99 (D) · What number has 2 tens and 1 one? = 21 (A) · What number has 7 tens and 4 ones? = 74 (L) · What number has 1 ten and 2 ones? = 12 (G) · What number has 1 ten and 3 ones? = 13 (R) · What number has 8 tens and 9 ones? = 89 (S) · What number has 1 ten and 7 ones? = 17 (I) · What number has 8 tens and 2 ones? = 82 (U) · What number has 3 tens and 5 ones? = 35 (E)

Clue 3 (Addition): "THEY SLIP ON A SOGGY FIELD"

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

Clue 4 (Rounding): "THE BRIM OF THEIR CAP IS FLAT"

Round 907 to the nearest hundred = 900 (T) · Round 791 to the nearest hundred = 800 (C) · Round 81 to the nearest ten = 80 (E) · Round 539 to the nearest hundred = 500 (A) · Round 74 to the nearest ten = 70 (R) · Round 44 to the nearest ten = 40 (F) · Round 64 to the nearest ten = 60 (I) · Round 88 to the nearest ten = 90 (M) · Round 700 to the nearest hundred = 700 (L) · Round 281 to the nearest hundred = 300 (P) · Round 184 to the nearest hundred = 200 (H) · Round 583 to the nearest hundred = 600 (B) · Round 20 to the nearest ten = 20 (S) · Round 51 to the nearest ten = 50 (O)

Clue 5 (Division facts (1-12)): surviving statement is box 3 → Corey Seager

$24 \div 3 = 8$ · $100 \div 10 = 10$ · $36 \div 9 = 4$ · $66 \div 11 = 6$ · $63 \div 7 = 9$ · $35 \div 7 = 5$ · $10 \div 5 = 2$ · $63 \div 9 = 7$ · $48 \div 4 = 12$ · $12 \div 12 = 1$ · $33 \div 3 = 11$