# The Championship Series Mystery

Grade 7 math · Addition, Multiplication, Rounding, Word problems, Division · Reading level grades 7-9

**Detective:** _____ **Date:** _____

Just moments before the grand final pitch, someone tampered with the pitcher mound, scuffed the official game balls, and hid the mascot trophy. The detective must analyze bullpen clues to unmask the stadium saboteur before play begins.

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 saboteur is** _____

## Possible suspects

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

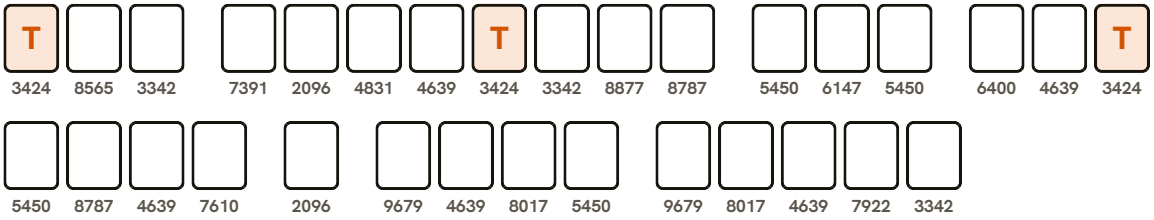
| NAME | PITCHING STYLE | GEAR SPECIALTY | BATTING STANCE | CAP HAIRLINE | PITCH NEMESIS |
|---|---|---|---|---|---|
| **Freddie Freeman** | 99 MPH Fastball | Titanium Cleats | Left Handed Stance | Buzzed Cut | High Inside Heat |
| **Bobby Witt** | Screaming Cutter | Gold Glove | Left Handed Stance | Braided Hair | Low Outside Slider |
| **Rafael Devers** | Floating Knuckleball | Rosin Bag | Left Handed Stance | Flowing Locks | Low Outside Slider |
| **Bryce Harper** | 99 MPH Fastball | Pine Tar Rag | Right Handed Stance | Flowing Locks | Offspeed Changeup |
| **Trea Turner** | 99 MPH Fastball | Titanium Cleats | Right Handed Stance | Braided Hair | Low Outside Slider |
| **Austin Riley** | Screaming Cutter | Rosin Bag | Left Handed Stance | Flowing Locks | Offspeed Changeup |
| **Corbin Carroll** | Nasty Slider | Titanium Cleats | Left Handed Stance | Buzzed Cut | Low Outside Slider |
| **Mookie Betts** | Floating Knuckleball | Gold Glove | Left Handed Stance | Braided Hair | Low Outside Slider |
| **Yordan Alvarez** | Screaming Cutter | Pine Tar Rag | Right Handed Stance | Flowing Locks | Low Outside Slider |
| **Corey Seager** | Screaming Cutter | Gold Glove | Right Handed Stance | Buzzed Cut | Low Outside Slider |
| **Juan Soto** | 99 MPH Fastball | Custom Bat Ring | Right Handed Stance | Braided Hair | Low Outside Slider |
| **Corbin Burnes** | Devastating Splitter | Pine Tar Rag | Right Handed Stance | Braided Hair | Offspeed Changeup |
| **Shohei Ohtani** | Floating Knuckleball | Pine Tar Rag | Right Handed Stance | Flowing Locks | Offspeed Changeup |
| **Julio Rodriguez** | Nasty Slider | Custom Bat Ring | Left Handed Stance | Braided Hair | Low Outside Slider |
| **Aaron Judge** | 99 MPH Fastball | Titanium Cleats | Left Handed Stance | Braided Hair | High Inside Heat |
| **Gerrit Cole** | Devastating Splitter | Titanium Cleats | Right Handed Stance | Flowing Locks | High Inside Heat |
| **Pete Alonso** | Devastating Splitter | Pine Tar Rag | Left Handed Stance | Braided Hair | Low Outside Slider |
| **Mike Trout** | Nasty Slider | Custom Bat Ring | Right Handed Stance | Braided Hair | Offspeed Changeup |
| **Adley Rutschman** | Screaming Cutter | Custom Bat Ring | Left Handed Stance | Braided Hair | Low Outside Slider |
| **Gunnar Henderson** | Nasty Slider | Pine Tar Rag | Left Handed Stance | Braided Hair | Low Outside Slider |
| **Jose Altuve** | Screaming Cutter | Gold Glove | Right Handed Stance | Flowing Locks | Offspeed Changeup |

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## CLUE 1 Addition

To calculate the total pitch count across both bullpens, the detective tallied the pitch charts.

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




2125 + 1299 = ☐ → T

1013 + 1083 = ☐ → A

3434 + 4488 = ☐ → V

2586 + 3561 = ☐ → I

2329 + 2502 = ☐ → B

4183 + 5496 = ☐ → G

2286 + 1056 = ☐ → E

3403 + 5162 = ☐ → H

5069 + 2948 = ☐ → L

5265 + 2345 = ☐ → P

4638 + 2753 = ☐ → S

2572 + 2067 = ☐ → O

5008 + 3779 = ☐ → R

3681 + 1769 = ☐ → D

5138 + 3739 = ☐ → U

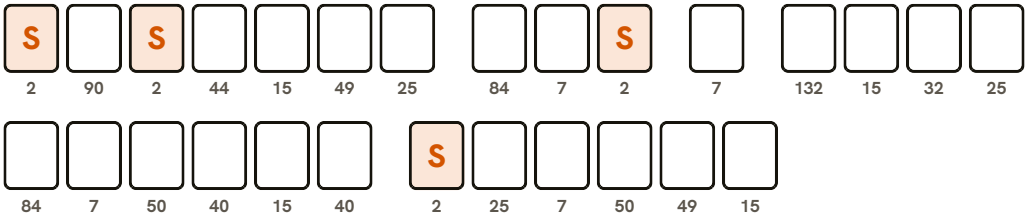
3570 + 2830 = ☐ → N

Scratch space:

## CLUE 2 Multiplication facts (1-12)

The equipment manager counted the bats in storage by multiplying the rows of racks by the bats in each row.

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




| | | | |
|---|---|---|---|
| 2 × 1 = ☐ → S | 12 × 11 = ☐ → L | 4 × 11 = ☐ → P | |
| 12 × 7 = ☐ → H | 9 × 10 = ☐ → U | 5 × 8 = ☐ → D | |
| 7 × 7 = ☐ → C | 5 × 5 = ☐ → T | 8 × 4 = ☐ → F | 3 × 5 = ☐ → E |
| 1 × 7 = ☐ → A | 5 × 10 = ☐ → N | | |

Scratch space:

## CLUE 3 Rounding

The stadium pitch tracking display only shows velocity values rounded to the nearest whole number.

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

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S | | | | | | S | | | | | | | | | | | |
| 4300 | 1700 | 170 | 110 | 20 | 700 | 4300 | 130 | 9000 | 1700 | 1700 | 130 | 3000 | 130 | 1100 | | | |
| | | | S | | | | S | | | | | | | | | | |
| 130 | 9000 | 1700 | 4300 | 110 | 70 | 700 | 4300 | 3000 | 110 | 70 | 700 | 170 | | | | | |

Round 4,345 to the nearest hundred ☐ → S

Round 107 to the nearest ten ☐ → I

Round 70 to the nearest ten ☐ → D

Round 9,208 to the nearest thousand ☐ → U

Round 131 to the nearest ten ☐ → O

Round 725 to the nearest hundred ☐ → E

Round 2,727 to the nearest thousand ☐ → L

Round 16 to the nearest ten ☐ → K

Round 1,744 to the nearest hundred ☐ → T

Round 172 to the nearest ten ☐ → R

Round 1,061 to the nearest hundred ☐ → W

Scratch space:

## CLUE 4 Word problems

> The head scout carefully reviewed the box score statistics to extract the key team numbers.

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

A strand of

| B | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 75 | 22 | 97 | 28 | 96 | 34 | 96 | 104 | 97 | 28 | 22 | |

hair turned up at the scene.

Umpire found 53 wooden bats yesterday and 22 more today. How many wooden bats in all?

**Answer:** ☐ → **B**

Umpire found 39 batting helmets yesterday and 58 more today. How many batting helmets in all?

**Answer:** ☐ → **A**

Umpire found 11 baseballs yesterday and 23 more today. How many baseballs in all?

**Answer:** ☐ → **E**

Umpire lined up 8 rows of 12 baseballs. How many baseballs in all?

**Answer:** ☐ → **D**

There were 28 wooden bats. 6 were used up. How many wooden bats are left?

**Answer:** ☐ → **R**

There were 45 scorecards. 17 were used up. How many scorecards are left?

**Answer:** ☐ → **I**

Umpire found 74 baseballs yesterday and 30 more today. How many baseballs in all?

**Answer:** ☐ → **H**

Scratch space:

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

> To split the remaining practice baseballs evenly among all training buckets, the coach divided the crate.

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:**

36 ÷ 6 = ☐ | 110 ÷ 10 = ☐ | 24 ÷ 12 = ☐ | 24 ÷ 8 = ☐ | 84 ÷ 12 = ☐

30 ÷ 3 = ☐ | 25 ÷ 5 = ☐ | 1 ÷ 1 = ☐ | 36 ÷ 3 = ☐ | 96 ÷ 12 = ☐

40 ÷ 10 = ☐

**Step 2 - cross out the sentence with each answer:**

1. The villain dropped a devastating splitter, then flashed a gold glove.
2. The villain snapped a nasty slider, then wiped off with a pine tar rag.
3. The villain snapped a nasty slider, then dusted hands with a rosin bag.
4. The villain dropped a devastating splitter, then adjusted a custom bat ring.
5. The villain threw a wild 99 mph fastball, then dug in with titanium cleats.
6. The villain fired a screaming cutter, then adjusted a custom bat ring.
7. The villain dropped a devastating splitter, then dusted hands with a rosin bag.
8. The villain snapped a nasty slider, then flashed a gold glove.
9. The villain dropped a devastating splitter, then wiped off with a pine tar rag.
10. The villain floated a slow knuckleball, then dug in with titanium cleats.
11. The villain snapped a nasty slider, then adjusted a custom bat ring.
12. The villain floated a slow knuckleball, then dusted hands with a rosin bag.

TEACHER / PARENT

# Answer Key

The Championship Series Mystery

## Culprit: Pete Alonso

Devastating Splitter · Pine Tar Rag · Left Handed Stance · Braided Hair · Low Outside Slider

Trail: Start 21 → Clue 1 17 → Clue 2 9 → Clue 3 6 → Clue 4 4 → Clue 5 1

### Clue 1 (Addition): "THE SABOTEUR DID NOT DROP A GOLD GLOVE"

2125 + 1299 = 3424 (T) · 1013 + 1083 = 2096 (A) · 3434 + 4488 = 7922 (V) · 2586 + 3561 = 6147 (I) · 2329 + 2502 = 4831 (B) · 4183 + 5496 = 9679 (G) · 2286 + 1056 = 3342 (E) · 3403 + 5162 = 8565 (H) · 5069 + 2948 = 8017 (L) · 5265 + 2345 = 7610 (P) · 4638 + 2753 = 7391 (S) · 2572 + 2067 = 4639 (O) · 5008 + 3779 = 8787 (R) · 3681 + 1769 = 5450 (D) · 5138 + 3739 = 8877 (U) · 3570 + 2830 = 6400 (N)

### Clue 2 (Multiplication facts (1-12)): "SUSPECT HAS A LEFT HANDED STANCE"

2 × 1 = 2 (S) · 12 × 11 = 132 (L) · 4 × 11 = 44 (P) · 12 × 7 = 84 (H) · 9 × 10 = 90 (U) · 5 × 8 = 40 (D) · 7 × 7 = 49 (C) · 5 × 5 = 25 (T) · 8 × 4 = 32 (F) · 3 × 5 = 15 (E) · 1 × 7 = 7 (A) · 5 × 10 = 50 (N)

### Clue 3 (Rounding): "STRIKES OUT TO LOW OUTSIDE SLIDER"

Round 4,345 to the nearest hundred = 4300 (S) · Round 107 to the nearest ten = 110 (I) · Round 70 to the nearest ten = 70 (D) · Round 9,208 to the nearest thousand = 9000 (U) · Round 131 to the nearest ten = 130 (O) · Round 725 to the nearest hundred = 700 (E) · Round 2,727 to the nearest thousand = 3000 (L) · Round 16 to the nearest ten = 20 (K) · Round 1,744 to the nearest hundred = 1700 (T) · Round 172 to the nearest ten = 170 (R) · Round 1,061 to the nearest hundred = 1100 (W)

### Clue 4 (Word problems): "BRAIDED HAIR"

Umpire found 53 wooden bats yesterday and 22 more today. How many wooden bats in all? = 75 (B) · Umpire found 39 batting helmets yesterday and 58 more today. How many batting helmets in all? = 97 (A) · Umpire found 11 baseballs yesterday and 23 more today. How many baseballs in all? = 34 (E) · Umpire lined up 8 rows of 12 baseballs. How many baseballs in all? = 96 (D) · There were 28 wooden bats. 6 were used up. How many wooden bats are left? = 22 (R) · There were 45 scorecards. 17 were used up. How many scorecards are left? = 28 (I) · Umpire found 74 baseballs yesterday and 30 more today. How many baseballs in all? = 104 (H)

### Clue 5 (Division facts (1-12)): surviving statement is box 9 → Pete Alonso

36 ÷ 6 = 6 · 110 ÷ 10 = 11 · 24 ÷ 12 = 2 · 24 ÷ 8 = 3 · 84 ÷ 12 = 7 · 30 ÷ 3 = 10 · 25 ÷ 5 = 5 · 1 ÷ 1 = 1 · 36 ÷ 3 = 12 · 96 ÷ 12 = 8 · 40 ÷ 10 = 4