



Mystery at Starlight Stadium

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

Detective: _____ Date: _____

Someone swapped the official championship ball right before kickoff! Detective, search the locker room and decode the clues to catch the Rogue Striker.

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 Rogue Striker is _____

Possible suspects

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

NAME	SIGNATURE MOVE	GEAR ITEM	DOMINANT FOOT	HAIRSTYLE	WEAKNESS
Cristiano Ronaldo	Bicycle Kick	Carbon Mask	Right Footed	Braided Hair	Yellow Card
Sam Kerr	Knuckleball	Neon Cleats	Right Footed	Curly Hair	Ref Whistle
Lionel Messi	Knuckleball	Bright Visor	Left Footed	Curly Hair	Ref Whistle
Kevin De Bruyne	Curve Shot	Grip Socks	Right Footed	Curly Hair	Yellow Card
Virgil Van Dijk	Header Flash	Bright Visor	Right Footed	Curly Hair	Loud Siren
Son Heungmin	Curve Shot	Grip Socks	Left Footed	Curly Hair	Yellow Card
Sophia Smith	Header Flash	Carbon Mask	Right Footed	Braided Hair	Loud Siren
Sergio Ramos	Bicycle Kick	Carbon Mask	Right Footed	Curly Hair	Loud Siren
Manuel Neuer	Bicycle Kick	Grip Socks	Left Footed	Curly Hair	Yellow Card
Rose Lavelle	Curve Shot	Carbon Mask	Left Footed	Braided Hair	Loud Siren
Alex Morgan	Header Flash	Grip Socks	Left Footed	Braided Hair	Loud Siren
Mohamed Salah	Knuckleball	Bright Visor	Left Footed	Braided Hair	Loud Siren
Luka Modric	Header Flash	Carbon Mask	Left Footed	Braided Hair	Loud Siren
Alisson Becker	Rocket Volley	Carbon Mask	Left Footed	Braided Hair	Loud Siren
Bukayo Saka	Knuckleball	Neon Cleats	Left Footed	Braided Hair	Ref Whistle
Erling Haaland	Knuckleball	Grip Socks	Right Footed	Braided Hair	Ref Whistle
Marcus Rashford	Bicycle Kick	Neon Cleats	Left Footed	Spiky Hair	Ref Whistle
Kylian Mbappe	Header Flash	Bright Visor	Left Footed	Braided Hair	Loud Siren
Jude Bellingham	Curve Shot	Bright Visor	Left Footed	Curly Hair	Loud Siren
Christian Pulisic	Bicycle Kick	Neon Cleats	Left Footed	Spiky Hair	Loud Siren
Gio Reyna	Bicycle Kick	Grip Socks	Right Footed	Braided Hair	Loud Siren

CLUE 1 Rounding

The stadium scoreboard rounded the total fan attendance at the gate. Decoding this readout reveals our first gear clue.

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

T										T								T
90	700	9000	3000	900	3000	600	9000	400	90	20	800	9000	3000	4000	800	90		
										T								
70	9000	200	80	200	8000	80	5000	30	700	90	2000	5000	3000	800	80			

Round 93 to the nearest ten → **T**

Round 23 to the nearest ten → **D**

Round 2,680 to the nearest thousand → **S**

Round 4,203 to the nearest thousand → **N**

Round 702 to the nearest hundred → **H**

Round 78 to the nearest ten → **R**

Round 4,894 to the nearest thousand → **I**

Round 8,607 to the nearest thousand → **E**

Round 870 to the nearest hundred → **U**

Round 764 to the nearest hundred → **O**

Round 163 to the nearest hundred → **A**

Round 7,656 to the nearest thousand → **B**

Round 618 to the nearest hundred → **P**

Round 2,263 to the nearest thousand → **V**

Round 31 to the nearest ten → **G**

Round 74 to the nearest ten → **W**

Round 416 to the nearest hundred → **C**

Scratch space:

CLUE 2 Addition

You tally up the extra practice gear left near the bench. Adding them together unlocks a note about kicking preference.

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

W									W					
375	932	445	923	366	895	895	895	613	375	613	682	366	351	445
351	258	258	445	366	710	384	932	486	384					

$210 + 165 = \square \rightarrow \boxed{\text{W}}$

$419 + 513 = \square \rightarrow \boxed{\text{I}}$

$188 + 178 = \square \rightarrow \boxed{\text{E}}$

$449 + 446 = \square \rightarrow \boxed{\text{S}}$

$161 + 190 = \square \rightarrow \boxed{\text{F}}$

$245 + 465 = \square \rightarrow \boxed{\text{D}}$

$281 + 205 = \square \rightarrow \boxed{\text{C}}$

$170 + 88 = \square \rightarrow \boxed{\text{O}}$

$382 + 231 = \square \rightarrow \boxed{\text{A}}$

$211 + 234 = \square \rightarrow \boxed{\text{T}}$

$203 + 181 = \square \rightarrow \boxed{\text{K}}$

$303 + 379 = \square \rightarrow \boxed{\text{L}}$

$291 + 632 = \square \rightarrow \boxed{\text{N}}$

Scratch space:

CLUE 3
Subtraction

You compare missing training cones against the main rack. Subtracting the total uncovers another key detail.

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

T																		
491	664	815	796	529	563	556	815	515	815	699	815	605	515	399	532	815	605	515

T											
491	664	815	205	563	420	699	399	333	515	815	532

$807 - 316 = \square \rightarrow \boxed{\text{T}}$

$642 - 243 = \square \rightarrow \boxed{\text{S}}$

$956 - 141 = \square \rightarrow \boxed{\text{E}}$

$557 - 224 = \square \rightarrow \boxed{\text{I}}$

$380 - 175 = \square \rightarrow \boxed{\text{L}}$

$958 - 294 = \square \rightarrow \boxed{\text{H}}$

$784 - 228 = \square \rightarrow \boxed{\text{V}}$

$1191 - 395 = \square \rightarrow \boxed{\text{Y}}$

$838 - 275 = \square \rightarrow \boxed{\text{O}}$

$716 - 201 = \square \rightarrow \boxed{\text{R}}$

$730 - 31 = \square \rightarrow \boxed{\text{D}}$

$837 - 305 = \square \rightarrow \boxed{\text{N}}$

$969 - 364 = \square \rightarrow \boxed{\text{A}}$

$858 - 329 = \square \rightarrow \boxed{\text{C}}$

$627 - 207 = \square \rightarrow \boxed{\text{U}}$

Scratch space:

CLUE 4
Multiplication facts (1-12)

You inspect the rows of team cleats lined up on the shelf. Multiplying the pairs gives you the next witness statement.

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

B																	
16	66	144	36	28	20	28	90	144	36	66	8	144	7	14	20	4	48

					B				
22	121	48	90	20	16	20	121	80	90

$2 \times 8 = \square \rightarrow$ B	$12 \times 3 = \square \rightarrow$ I	$12 \times 12 = \square \rightarrow$ A
$11 \times 11 = \square \rightarrow$ N	$2 \times 4 = \square \rightarrow$ W	$10 \times 9 = \square \rightarrow$ H
$2 \times 7 = \square \rightarrow$ L	$2 \times 11 = \square \rightarrow$ O	$6 \times 11 = \square \rightarrow$ R
$12 \times 4 = \square \rightarrow$ T	$10 \times 8 = \square \rightarrow$ C	$7 \times 4 = \square \rightarrow$ D
$4 \times 1 = \square \rightarrow$ F	$7 \times 1 = \square \rightarrow$ S	$2 \times 10 = \square \rightarrow$ E

Scratch space:

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

You divide the energy drinks equally among the starting lineup. Sharing them out uncovers the final clue about the suspect.

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:

$55 \div 5 = \boxed{}$

$9 \div 9 = \boxed{}$

$56 \div 8 = \boxed{}$

$18 \div 3 = \boxed{}$

$20 \div 5 = \boxed{}$

$27 \div 3 = \boxed{}$

$25 \div 5 = \boxed{}$

$24 \div 3 = \boxed{}$

$33 \div 11 = \boxed{}$

$18 \div 9 = \boxed{}$

$30 \div 3 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain headed the ball toward the goal, then adjusted a carbon mask.
2. The villain kicked a wild knuckleball, then adjusted a carbon mask.
3. The villain blasted a volley off the crossbar, then laced up neon cleats.
4. The villain blasted a volley off the crossbar, then strapped on golden shin guards.
5. The villain dribbled past the defenders, then strapped on golden shin guards.
6. The villain curved the ball into the net, then pulled on grip socks.
7. The villain headed the ball toward the goal, then pulled on grip socks.
8. The villain dribbled past the defenders, then adjusted a carbon mask.
9. The villain headed the ball toward the goal, then snapped on a bright visor.
10. The villain headed the ball toward the goal, then laced up neon cleats.
11. The villain curved the ball into the net, then adjusted a carbon mask.
12. The villain blasted a volley off the crossbar, then adjusted a carbon mask.

Answer Key

Mystery at Starlight Stadium

Culprit: Alisson Becker

Rocket Volley · Carbon Mask · Left Footed · Braided Hair · Loud Siren

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

Clue 1 (Rounding): "THE SUSPECT DOES NOT WEAR A BRIGHT VISOR"

Round 93 to the nearest ten = 90 (T) · Round 23 to the nearest ten = 20 (D) · Round 2,680 to the nearest thousand = 3000 (S) · Round 4,203 to the nearest thousand = 4000 (N) · Round 702 to the nearest hundred = 700 (H) · Round 78 to the nearest ten = 80 (R) · Round 4,894 to the nearest thousand = 5000 (I) · Round 8,607 to the nearest thousand = 9000 (E) · Round 870 to the nearest hundred = 900 (U) · Round 764 to the nearest hundred = 800 (O) · Round 163 to the nearest hundred = 200 (A) · Round 7,656 to the nearest thousand = 8000 (B) · Round 618 to the nearest hundred = 600 (P) · Round 2,263 to the nearest thousand = 2000 (V) · Round 31 to the nearest ten = 30 (G) · Round 74 to the nearest ten = 70 (W) · Round 416 to the nearest hundred = 400 (C)

Clue 2 (Addition): "WITNESS SAW A LEFT FOOTED KICK"

$210 + 165 = 375$ (W) · $419 + 513 = 932$ (I) · $188 + 178 = 366$ (E) · $449 + 446 = 895$ (S) · $161 + 190 = 351$ (F) · $245 + 465 = 710$ (D) · $281 + 205 = 486$ (C) · $170 + 88 = 258$ (O) · $382 + 231 = 613$ (A) · $211 + 234 = 445$ (T) · $203 + 181 = 384$ (K) · $303 + 379 = 682$ (L) · $291 + 632 = 923$ (N)

Clue 3 (Subtraction): "THEY COVERED EARS NEAR THE LOUD SIREN"

$807 - 316 = 491$ (T) · $642 - 243 = 399$ (S) · $956 - 141 = 815$ (E) · $557 - 224 = 333$ (I) · $380 - 175 = 205$ (L) · $958 - 294 = 664$ (H) · $784 - 228 = 556$ (V) · $1191 - 395 = 796$ (Y) · $838 - 275 = 563$ (O) · $716 - 201 = 515$ (R) · $730 - 31 = 699$ (D) · $837 - 305 = 532$ (N) · $969 - 364 = 605$ (A) · $858 - 329 = 529$ (C) · $627 - 207 = 420$ (U)

Clue 4 (Multiplication facts (1-12)): "BRAIDED HAIR WAS LEFT ON THE BENCH"

$2 \times 8 = 16$ (B) · $12 \times 3 = 36$ (I) · $12 \times 12 = 144$ (A) · $11 \times 11 = 121$ (N) · $2 \times 4 = 8$ (W) · $10 \times 9 = 90$ (H) · $2 \times 7 = 14$ (L) · $2 \times 11 = 22$ (O) · $6 \times 11 = 66$ (R) · $12 \times 4 = 48$ (T) · $10 \times 8 = 80$ (C) · $7 \times 4 = 28$ (D) · $4 \times 1 = 4$ (F) · $7 \times 1 = 7$ (S) · $2 \times 10 = 20$ (E)

Clue 5 (Division facts (1-12)): surviving statement is box 12 → Alisson Becker

$55 \div 5 = 11$ · $9 \div 9 = 1$ · $56 \div 8 = 7$ · $18 \div 3 = 6$ · $20 \div 5 = 4$ · $27 \div 3 = 9$ · $25 \div 5 = 5$ · $24 \div 3 = 8$ · $33 \div 11 = 3$ · $18 \div 9 = 2$ · $30 \div 3 = 10$