



The Golden Cup Mystery

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

Detective: _____ Date: _____

Just before kickoff at the championship match, the shiny Golden Cup vanished from the locker room! The referee needs your help to interview suspects and find out who took the trophy.

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 Sneaky 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 BRAND	DOMINANT FOOT	HAIR STYLE	GAME WEAKNESS
Sammy Swift	Rocket Header	Silver Whistle	Right Footed	Curly Black Hair	Slippery Cleats
Mia Hamm	Curving Corner	Golden Cleats	Left Footed	Curly Black Hair	Tired Legs
Chloe Kelly	Knuckleball Kick	Neon Gloves	Left Footed	Blonde Buzzcut	Sun In Eyes
Luka Modric	Knuckleball Kick	Padded Visor	Right Footed	Spiky Red Cut	Slippery Cleats
Diego Maradona	Curving Corner	Neon Gloves	Left Footed	Curly Black Hair	Tired Legs
Alex Morgan	Rainbow Flick	Golden Cleats	Right Footed	Curly Black Hair	Slippery Cleats
Kylian Mbappe	Curving Corner	Padded Visor	Left Footed	Spiky Red Cut	Sun In Eyes
Pele Santos	Knuckleball Kick	Neon Gloves	Left Footed	Curly Black Hair	Slippery Cleats
Cristiano Ronaldo	Bicycle Kick	Neon Gloves	Right Footed	Blonde Buzzcut	Sun In Eyes
Mohamed Salah	Rocket Header	Silver Whistle	Left Footed	Curly Black Hair	Slippery Cleats
Virgil Van Dijk	Rainbow Flick	Golden Cleats	Right Footed	Blonde Buzzcut	Slippery Cleats
Bukayo Saka	Bicycle Kick	Silver Whistle	Left Footed	Blonde Buzzcut	Tired Legs
Erling Haaland	Knuckleball Kick	Padded Visor	Left Footed	Curly Black Hair	Slippery Cleats
Megan Rapinoe	Rainbow Flick	Neon Gloves	Left Footed	Blonde Buzzcut	Slippery Cleats
Antoine Griezmann	Rocket Header	Padded Visor	Right Footed	Curly Black Hair	Slippery Cleats
Lionel Messi	Rocket Header	Padded Visor	Right Footed	Spiky Red Cut	Tired Legs
Rose Lavelle	Rocket Header	Golden Cleats	Right Footed	Blonde Buzzcut	Slippery Cleats
Jude Bellingham	Bicycle Kick	Golden Cleats	Left Footed	Curly Black Hair	Slippery Cleats
Trinity Rodman	Bicycle Kick	Golden Cleats	Left Footed	Blonde Buzzcut	Sun In Eyes
Lucy Bronze	Bicycle Kick	Neon Gloves	Right Footed	Spiky Red Cut	Tired Legs
Son Heung Min	Curving Corner	Silver Whistle	Left Footed	Curly Black Hair	Slippery Cleats

CLUE 1 Rounding

The stadium scoreboard rounded the total fan count to estimate how many people were near the tunnel.

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

T									T								T
60	500	70	400	700	400	300	70	80	60	200	50	70	400	90	50	60	
4000	70	30	800	30	300	30	200	200	70	200	8000	7000	400	50	800		

Round 61 to the nearest ten → **T**

Round 94 to the nearest ten → **N**

Round 445 to the nearest hundred → **S**

Round 7,496 to the nearest thousand → **I**

Round 474 to the nearest hundred → **H**

Round 157 to the nearest hundred → **D**

Round 52 to the nearest ten → **O**

Round 8,044 to the nearest thousand → **V**

Round 669 to the nearest hundred → **U**

Round 70 to the nearest ten → **E**

Round 84 to the nearest ten → **C**

Round 3,696 to the nearest thousand → **W**

Round 827 to the nearest hundred → **R**

Round 324 to the nearest hundred → **P**

Round 29 to the nearest ten → **A**

Scratch space:

CLUE 2 Addition

Coach counted up all the practice balls brought out to the pitch to gather clues.

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

T						T						T						
925	918	321	680	255	255	925	846	632	832	495	925	482	482	918	255	685	741	

			T				T							
666	321	680	925	680	255	255	925	321	692	507	832	441	507	

$430 + 495 = \square \rightarrow \boxed{\text{T}}$

$284 + 562 = \square \rightarrow \boxed{\text{P}}$

$91 + 164 = \square \rightarrow \boxed{\text{O}}$

$381 + 251 = \square \rightarrow \boxed{\text{R}}$

$576 + 342 = \square \rightarrow \boxed{\text{H}}$

$260 + 181 = \square \rightarrow \boxed{\text{C}}$

$301 + 206 = \square \rightarrow \boxed{\text{K}}$

$423 + 269 = \square \rightarrow \boxed{\text{D}}$

$429 + 251 = \square \rightarrow \boxed{\text{F}}$

$232 + 263 = \square \rightarrow \boxed{\text{N}}$

$248 + 234 = \square \rightarrow \boxed{\text{S}}$

$349 + 317 = \square \rightarrow \boxed{\text{L}}$

$374 + 311 = \square \rightarrow \boxed{\text{W}}$

$540 + 292 = \square \rightarrow \boxed{\text{I}}$

$444 + 297 = \square \rightarrow \boxed{\text{A}}$

$173 + 148 = \square \rightarrow \boxed{\text{E}}$

Scratch space:

Subtraction

The equipment manager subtracted missing jerseys from the bench rack to see what was taken.

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

Two rows of 12 empty boxes each. In the first row, the first box contains the letter 'T' and the number 791 below it. The second box is empty with 775 below it. The third box is empty with 644 below it. The fourth box is empty with 815 below it. The fifth box is empty with 644 below it. The sixth box is empty with 807 below it. The seventh box is empty with 644 below it. The eighth box is empty with 877 below it. The ninth box is empty with 815 below it. The tenth box is empty with 644 below it. The eleventh box is empty with 780 below it. The twelfth box is empty with 182 below it. In the second row, the first box is empty with 182 below it. The second box is empty with 513 below it. The third box is empty with 806 below it. The fourth box is empty with 419 below it. The fifth box is empty with 261 below it. The sixth box is empty with 877 below it. The seventh box is empty with 163 below it. The eighth box is empty with 644 below it. The ninth box contains the letter 'T' and the number 791 below it. The tenth box is empty with 532 below it. The eleventh box is empty with 780 below it. The twelfth box is empty with 179 below it.

$1182 - 391 = \boxed{} \rightarrow \boxed{\text{T}}$

$$575 - 62 = \boxed{} \rightarrow \boxed{\text{L}}$$

$$1047 - 272 = \boxed{} \rightarrow \mathbf{H}$$

$714 - 70 = \boxed{} \rightarrow \boxed{\text{E}}$

$1071 - 256 = \boxed{} \rightarrow \boxed{\text{D}}$

$$519 - 258 = \boxed{} \rightarrow \boxed{0}$$

$$950 - 170 = \boxed{} \rightarrow \boxed{\text{R}}$$

$$354 - 172 = \boxed{} \rightarrow \boxed{\text{S}}$$

$$1073 - 320 = \boxed{} \rightarrow \boxed{\text{M}}$$

$888 - 81 = \boxed{} \rightarrow \boxed{\text{F}}$

$261 - 82 = \boxed{} \rightarrow \boxed{\mathbf{A}}$

$772 - 240 = \boxed{} \rightarrow \boxed{\mathbf{G}}$

$445 - 26 = \boxed{} \rightarrow \boxed{\text{P}}$

$894 - 88 = \boxed{} \rightarrow \boxed{\text{I}}$

$$894 - 17 = \boxed{} \rightarrow \boxed{\text{N}}$$

$$555 - 392 = \boxed{} \rightarrow \boxed{\text{W}}$$

Scratch space:

CLUE 4
Multiplication facts (1-12)

The detective searched rows of stadium lockers that held equal sets of sports gear.

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

A				A														
96	33	25	56	96	3	64	108	14	1	77	56	66	2	5	66	96	1	35

	A				A								A		
40	96	80	56	132	96	33	108	3	25	40	12	5	96	66	66

$12 \times 8 = \square \rightarrow \text{A}$

$2 \times 6 = \square \rightarrow \text{E}$

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

$9 \times 12 = \square \rightarrow \text{O}$

$3 \times 11 = \square \rightarrow \text{S}$

$1 \times 5 = \square \rightarrow \text{B}$

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

$8 \times 7 = \square \rightarrow \text{R}$

$7 \times 5 = \square \rightarrow \text{K}$

$1 \times 1 = \square \rightarrow \text{C}$

$11 \times 6 = \square \rightarrow \text{L}$

$12 \times 11 = \square \rightarrow \text{W}$

$1 \times 2 = \square \rightarrow \text{Y}$

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

$3 \times 1 = \square \rightarrow \text{N}$

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

$10 \times 4 = \square \rightarrow \text{H}$

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

Scratch space:

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

The team captain divided energy drinks equally among the defensive units while sharing clues.

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:

$9 \div 1 = \boxed{}$

$132 \div 12 = \boxed{}$

$9 \div 9 = \boxed{}$

$32 \div 4 = \boxed{}$

$2 \div 1 = \boxed{}$

$60 \div 12 = \boxed{}$

$20 \div 5 = \boxed{}$

$77 \div 11 = \boxed{}$

$6 \div 1 = \boxed{}$

$18 \div 6 = \boxed{}$

$70 \div 7 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain curved a corner shot past the keeper, then blew a silver whistle.
2. The villain flicked a rainbow flick over defenders, then blew a silver whistle.
3. The villain launched a knuckleball kick from afar, then adjusted their padded visor.
4. The villain landed a rocket header into the net, then laced up their golden cleats.
5. The villain performed a bicycle kick across the pitch, then wrapped their shins in grippy tape.
6. The villain performed a bicycle kick across the pitch, then blew a silver whistle.
7. The villain flicked a rainbow flick over defenders, then adjusted their padded visor.
8. The villain launched a knuckleball kick from afar, then blew a silver whistle.
9. The villain launched a knuckleball kick from afar, then flashed their neon gloves.
10. The villain landed a rocket header into the net, then flashed their neon gloves.
11. The villain landed a rocket header into the net, then blew a silver whistle.
12. The villain performed a bicycle kick across the pitch, then laced up their golden cleats.

Answer Key

The Golden Cup Mystery

Culprit: Jude Bellingham

Bicycle Kick · Golden Cleats · Left Footed · Curly Black Hair · Slippery Cleats

Trail: Start 21 → Clue 1 16 → Clue 2 10 → Clue 3 5 → Clue 4 4 → Clue 5 1

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

Round 61 to the nearest ten = 60 (T) · Round 94 to the nearest ten = 90 (N) · Round 445 to the nearest hundred = 400 (S) · Round 7,496 to the nearest thousand = 7000 (I) · Round 474 to the nearest hundred = 500 (H) · Round 157 to the nearest hundred = 200 (D) · Round 52 to the nearest ten = 50 (O) · Round 8,044 to the nearest thousand = 8000 (V) · Round 669 to the nearest hundred = 700 (U) · Round 70 to the nearest ten = 70 (E) · Round 84 to the nearest ten = 80 (C) · Round 3,696 to the nearest thousand = 4000 (W) · Round 827 to the nearest hundred = 800 (R) · Round 324 to the nearest hundred = 300 (P) · Round 29 to the nearest ten = 30 (A)

Clue 2 (Addition): "THE FOOTPRINTS SHOW A LEFT FOOTED KICK"

$430 + 495 = 925$ (T) · $284 + 562 = 846$ (P) · $91 + 164 = 255$ (O) · $381 + 251 = 632$ (R) · $576 + 342 = 918$ (H) · $260 + 181 = 441$ (C) · $301 + 206 = 507$ (K) · $423 + 269 = 692$ (D) · $429 + 251 = 680$ (F) · $232 + 263 = 495$ (N) · $248 + 234 = 482$ (S) · $349 + 317 = 666$ (L) · $374 + 311 = 685$ (W) · $540 + 292 = 832$ (I) · $444 + 297 = 741$ (A) · $173 + 148 = 321$ (E)

Clue 3 (Subtraction): "THE DEFENDER SAW THEM SLIP ON WET GRASS"

$1182 - 391 = 791$ (T) · $575 - 62 = 513$ (L) · $1047 - 272 = 775$ (H) · $714 - 70 = 644$ (E) · $1071 - 256 = 815$ (D) · $519 - 258 = 261$ (O) · $950 - 170 = 780$ (R) · $354 - 172 = 182$ (S) · $1073 - 320 = 753$ (M) · $888 - 81 = 807$ (F) · $261 - 82 = 179$ (A) · $772 - 240 = 532$ (G) · $445 - 26 = 419$ (P) · $894 - 88 = 806$ (I) · $894 - 17 = 877$ (N) · $555 - 392 = 163$ (W)

Clue 4 (Multiplication facts (1-12)): "A STRAND OF CURLY BLACK HAIR WAS ON THE BALL"

$12 \times 8 = 96$ (A) · $2 \times 6 = 12$ (E) · $8 \times 8 = 64$ (D) · $9 \times 12 = 108$ (O) · $3 \times 11 = 33$ (S) · $1 \times 5 = 5$ (B) · $7 \times 11 = 77$ (U) · $8 \times 7 = 56$ (R) · $7 \times 5 = 35$ (K) · $1 \times 1 = 1$ (C) · $11 \times 6 = 66$ (L) · $12 \times 11 = 132$ (W) · $1 \times 2 = 2$ (Y) · $8 \times 10 = 80$ (I) · $3 \times 1 = 3$ (N) · $7 \times 2 = 14$ (F) · $10 \times 4 = 40$ (H) · $5 \times 5 = 25$ (T)

Clue 5 (Division facts (1-12)): surviving statement is box 12 → Jude Bellingham

$9 \div 1 = 9$ · $132 \div 12 = 11$ · $9 \div 9 = 1$ · $32 \div 4 = 8$ · $2 \div 1 = 2$ · $60 \div 12 = 5$ · $20 \div 5 = 4$ · $77 \div 11 = 7$ · $6 \div 1 = 6$ · $18 \div 6 = 3$ · $70 \div 7 = 10$