



The Missing Golden Trophy

Grade 2 math · Multiplication, Subtraction, Addition, Rounding, Missing addends · Reading level grades 1-2

Detective: _____ **Date:** _____

Oh no! The shiny Golden Trophy is missing from the team clubhouse. The match starts very soon. We must use our soccer math skills to find the rogue player who 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 rogue player is _____

Possible suspects

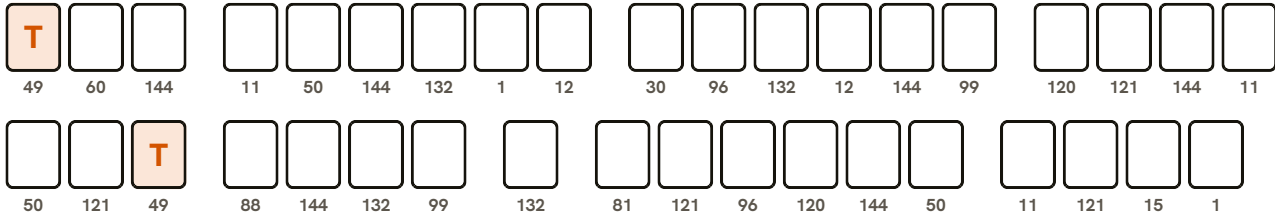
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	SIGNATURE MOVE	SPECIAL GEAR	KICKING STYLE	HAIR STYLE	WEAKNESS
Pedri	Rabona Kick	Neon Headband	Right footed kick	Curly brown hair	Bright stadium light
Ronald	Stepover	Shiny Cleats	Left footed kick	Spiky black hair	Slippery grass
Pablo	La Croqueta	Neon Headband	Right footed kick	Curly brown hair	Slippery grass
Joao	Bicycle Kick	Golden Sock	Right footed kick	Curly brown hair	Slippery grass
Ilkay	Bicycle Kick	Neon Headband	Right footed kick	Dyed blue hair	Slippery grass
Lamine	La Croqueta	Silver Whistle	Right footed kick	Curly brown hair	Slippery grass
Pau	Stepover	Golden Sock	Right footed kick	Dyed blue hair	Loud cheering
Gavi	Stepover	Golden Sock	Right footed kick	Curly brown hair	Loud cheering
Raphinha	La Croqueta	Silver Whistle	Left footed kick	Dyed blue hair	Slippery grass
Eric	Elastico	Glow Jersey	Left footed kick	Dyed blue hair	Loud cheering
Fermin	La Croqueta	Golden Sock	Right footed kick	Curly brown hair	Slippery grass
Sergi	Rabona Kick	Glow Jersey	Left footed kick	Curly brown hair	Bright stadium light
Robert	Rabona Kick	Neon Headband	Right footed kick	Spiky black hair	Slippery grass
Alejandro	Bicycle Kick	Shiny Cleats	Right footed kick	Spiky black hair	Bright stadium light
Andreas	La Croqueta	Glow Jersey	Right footed kick	Spiky black hair	Slippery grass
Hector	Elastico	Shiny Cleats	Right footed kick	Curly brown hair	Slippery grass
Jules	Stepover	Glow Jersey	Right footed kick	Curly brown hair	Slippery grass
Frenkie	La Croqueta	Glow Jersey	Right footed kick	Spiky black hair	Loud cheering
Casado	Bicycle Kick	Glow Jersey	Right footed kick	Dyed blue hair	Slippery grass
Inigo	La Croqueta	Golden Sock	Left footed kick	Spiky black hair	Slippery grass
Vitor	Bicycle Kick	Neon Headband	Left footed kick	Curly brown hair	Slippery grass

CLUE 1
Multiplication facts (1-12)

We look at the training field. The cones are set up in equal rows. Let us count them to find the first clue.

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



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

$1 \times 1 = \square \rightarrow \boxed{\text{K}}$

$9 \times 9 = \square \rightarrow \boxed{\text{G}}$

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

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

$1 \times 11 = \square \rightarrow \boxed{\text{S}}$

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

$8 \times 12 = \square \rightarrow \boxed{\text{L}}$

$9 \times 11 = \square \rightarrow \boxed{\text{R}}$

$10 \times 5 = \square \rightarrow \boxed{\text{N}}$

$5 \times 6 = \square \rightarrow \boxed{\text{P}}$

$5 \times 12 = \square \rightarrow \boxed{\text{H}}$

$10 \times 12 = \square \rightarrow \boxed{\text{D}}$

$11 \times 8 = \square \rightarrow \boxed{\text{W}}$

$12 \times 11 = \square \rightarrow \boxed{\text{A}}$

$6 \times 2 = \square \rightarrow \boxed{\text{Y}}$

Scratch space:

CLUE 2
Subtraction

The team had a bag of soccer balls. Some balls rolled away into the bushes. Subtract to see what is left!

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

T													
87	83	37	49	17	43	41	41	41	83	16	72	41	43

	T									T					
41	87	17	16	34	49	17	36	49	83	87	25	16	16	87	37

45	36	48	45

$88 - 1 = \square \rightarrow$ T	$63 - 20 = \square \rightarrow$ A	$72 - 31 = \square \rightarrow$ S
$75 - 27 = \square \rightarrow$ C	$74 - 2 = \square \rightarrow$ W	$42 - 6 = \square \rightarrow$ I
$32 - 15 = \square \rightarrow$ R	$35 - 19 = \square \rightarrow$ O	$65 - 16 = \square \rightarrow$ G
$62 - 17 = \square \rightarrow$ K	$68 - 31 = \square \rightarrow$ E	$26 - 1 = \square \rightarrow$ F
$47 - 13 = \square \rightarrow$ N	$59 - 38 = \square \rightarrow$ D	$99 - 16 = \square \rightarrow$ H

Scratch space:

CLUE 3 **Addition**

We count the clean water bottles. One box has some, and the other box has more. Add them up for the next clue.

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

T				T											T		
44	77	53	24	44	75	82	36	36	53	39	97	56	44	77	53		
22	83	82	36	36	53	75	24	54	75	38	22	22					

$26 + 18 = \square \rightarrow \text{[T]}$

$7 + 15 = \square \rightarrow \text{[S]}$

$15 + 9 = \square \rightarrow \text{[Y]}$

$46 + 29 = \square \rightarrow \text{[R]}$

$27 + 56 = \square \rightarrow \text{[L]}$

$32 + 65 = \square \rightarrow \text{[O]}$

$27 + 29 = \square \rightarrow \text{[N]}$

$25 + 29 = \square \rightarrow \text{[G]}$

$15 + 21 = \square \rightarrow \text{[P]}$

$48 + 29 = \square \rightarrow \text{[H]}$

$28 + 11 = \square \rightarrow \text{[D]}$

$34 + 48 = \square \rightarrow \text{[I]}$

$22 + 16 = \square \rightarrow \text{[A]}$

$18 + 35 = \square \rightarrow \text{[E]}$

Scratch space:

CLUE 4

The big stadium scoreboard is broken. It only shows speed rounded to the nearest ten. Round the number to read it.

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



 70 200 20 80 800 700 300 40 800 900 50 500 60 900 80 70 700

Round 66 to the nearest ten $\rightarrow$ **W**

Round 82 to the nearest ten $\rightarrow$

Round 47 to the nearest ten $\rightarrow$ **L**

Round 414 to the nearest hundred $\rightarrow$ **A**

Round 727 to the nearest hundred $\rightarrow$ **N**

Round 89 to the nearest ten $\rightarrow$ **H**

Round 816 to the nearest hundred $\rightarrow$ **U**

Round 40 to the nearest ten $\rightarrow$ **C**

Round 30 to the nearest ten $\rightarrow$ **T**

Round 313 to the nearest hundred $\rightarrow$ **D**

Round 465 to the nearest hundred $\rightarrow$ **Y**

Round 24 to the nearest ten $\rightarrow$ **F**

Round 191 to the nearest hundred $\rightarrow$ **E**

Round 610 to the nearest hundred $\rightarrow$

Round 60 to the nearest ten $\rightarrow$ **B**

Round 892 to the nearest hundred $\rightarrow$ **R**

Scratch space:

CLUE 5**Missing addends - the last clue**

The coach needs ten shin guards. He only has some on the grass. Find how many more he needs to get the 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:

$8 + \underline{\quad} = 17$

$3 + \underline{\quad} = 10$

$9 + \underline{\quad} = 17$

$10 + \underline{\quad} = 13$

$8 + \underline{\quad} = 14$

$10 + \underline{\quad} = 15$

$4 + \underline{\quad} = 15$

$6 + \underline{\quad} = 16$

$2 + \underline{\quad} = 14$

$4 + \underline{\quad} = 6$

$3 + \underline{\quad} = 7$

Step 2 - cross out the sentence with each answer:

1. The villain does a swift la croqueta, then adjusts their neon headband.
2. The villain does an amazing bicycle kick, then flashes their glow jersey.
3. The villain does an amazing bicycle kick, then pulls up their golden sock.
4. The villain does a swift la croqueta, then pulls up their golden sock.
5. The villain does a swift la croqueta, then shines their shiny cleats.
6. The villain performs a quick elastico, then adjusts their neon headband.
7. The villain practices a fast stepover, then flashes their glow jersey.
8. The villain performs a quick elastico, then shines their shiny cleats.
9. The villain does a swift la croqueta, then blows their silver whistle.
10. The villain performs a quick elastico, then blows their silver whistle.
11. The villain practices a fast stepover, then blows their silver whistle.
12. The villain practices a fast stepover, then adjusts their neon headband.

Answer Key

The Missing Golden Trophy

Culprit: Pablo

La Croqueta · Neon Headband · Right footed kick · Curly brown hair · Slippery grass

Trail: Start 21 → Clue 1 16 → Clue 2 11 → Clue 3 8 → Clue 4 4 → Clue 5 1

Clue 1 (Multiplication facts (1-12)): "THE SNEAKY PLAYER DOES NOT WEAR A GOLDEN SOCK"

$7 \times 7 = 49$ (T) · $1 \times 1 = 1$ (K) · $9 \times 9 = 81$ (G) · $3 \times 5 = 15$ (C) · $12 \times 12 = 144$ (E) · $1 \times 11 = 11$ (S) · $11 \times 11 = 121$ (O) · $8 \times 12 = 96$ (L) · $9 \times 11 = 99$ (R) · $10 \times 5 = 50$ (N) · $5 \times 6 = 30$ (P) · $5 \times 12 = 60$ (H) · $10 \times 12 = 120$ (D) · $11 \times 8 = 88$ (W) · $12 \times 11 = 132$ (A) · $6 \times 2 = 12$ (Y)

Clue 2 (Subtraction): "THE GRASS SHOWS A STRONG RIGHT FOOTED KICK"

$88 - 1 = 87$ (T) · $63 - 20 = 43$ (A) · $72 - 31 = 41$ (S) · $75 - 27 = 48$ (C) · $74 - 2 = 72$ (W) · $42 - 6 = 36$ (I) · $32 - 15 = 17$ (R) · $35 - 19 = 16$ (O) · $65 - 16 = 49$ (G) · $62 - 17 = 45$ (K) · $68 - 31 = 37$ (E) · $26 - 1 = 25$ (F) · $47 - 13 = 34$ (N) · $59 - 38 = 21$ (D) · $99 - 16 = 83$ (H)

Clue 3 (Addition): "THEY TRIPPED ON THE SLIPPERY GRASS"

$26 + 18 = 44$ (T) · $7 + 15 = 22$ (S) · $15 + 9 = 24$ (Y) · $46 + 29 = 75$ (R) · $27 + 56 = 83$ (L) · $32 + 65 = 97$ (O) · $27 + 29 = 56$ (N) · $25 + 29 = 54$ (G) · $15 + 21 = 36$ (P) · $48 + 29 = 77$ (H) · $28 + 11 = 39$ (D) · $34 + 48 = 82$ (I) · $22 + 16 = 38$ (A) · $18 + 35 = 53$ (E)

Clue 4 (Rounding): "WE FOUND CURLY BROWN HAIR ON THE BALL"

Round 66 to the nearest ten = 70 (W) · Round 82 to the nearest ten = 80 (O) · Round 47 to the nearest ten = 50 (L) · Round 414 to the nearest hundred = 400 (A) · Round 727 to the nearest hundred = 700 (N) · Round 89 to the nearest ten = 90 (H) · Round 816 to the nearest hundred = 800 (U) · Round 40 to the nearest ten = 40 (C) · Round 30 to the nearest ten = 30 (T) · Round 313 to the nearest hundred = 300 (D) · Round 465 to the nearest hundred = 500 (Y) · Round 24 to the nearest ten = 20 (F) · Round 191 to the nearest hundred = 200 (E) · Round 610 to the nearest hundred = 600 (I) · Round 60 to the nearest ten = 60 (B) · Round 892 to the nearest hundred = 900 (R)

Clue 5 (Missing addends): surviving statement is box 1 → Pablo

$8 + \underline{\quad} = 17 = 9$ · $3 + \underline{\quad} = 10 = 7$ · $9 + \underline{\quad} = 17 = 8$ · $10 + \underline{\quad} = 13 = 3$ · $8 + \underline{\quad} = 14 = 6$ · $10 + \underline{\quad} = 15 = 5$ · $4 + \underline{\quad} = 15 = 11$ · $6 + \underline{\quad} = 16 = 10$ · $2 + \underline{\quad} = 14 = 12$ · $4 + \underline{\quad} = 6 = 2$ · $3 + \underline{\quad} = 7 = 4$