The Missing Championship Trophy Mystery

Grade 1 math · Addition, Subtraction, Skip counting, Place value, Missing addends · Reading level grades 1-2

Detective: _____ **Date:** _____

Someone hid the golden trophy right before the big soccer game! Coach Robin needs your detective skills to find out which player 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 Sneaky Striker is _____

Possible suspects

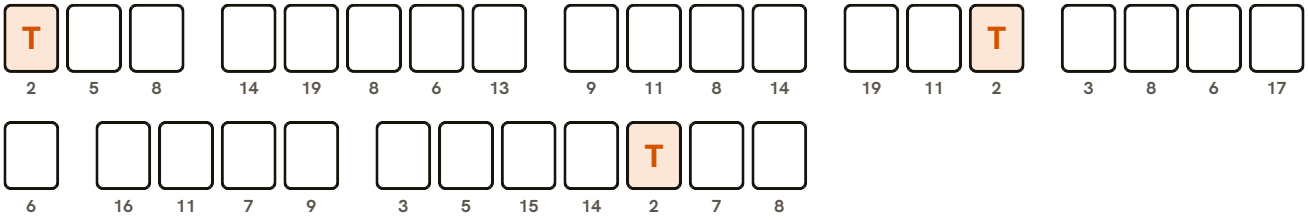
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	SOCCER SKILL	SOCCER GEAR	DOMINANT FOOT	HAIR STYLE	GAME HAZARD
Sadio	Header Pass	Padded Gloves	Right Footed	Spiky Blond Hair	Slippery Grass
Erling	Rocket Volley	Neon Cleats	Right Footed	Curly Black Hair	Slippery Grass
Cristiano	Rocket Volley	Neon Cleats	Right Footed	Spiky Blond Hair	Loud Vuvuzela
Kevin	Rocket Volley	Striped Shin Guards	Left Footed	Red Ponytail	Loud Vuvuzela
Mia	Power Strike	Gold Whistle	Right Footed	Spiky Blond Hair	Loud Vuvuzela
Son	Power Strike	Striped Shin Guards	Right Footed	Spiky Blond Hair	Loud Vuvuzela
Jude	Bicycle Kick	Captain Armband	Right Footed	Curly Black Hair	Slippery Grass
Antoine	Curving Corner	Padded Gloves	Right Footed	Spiky Blond Hair	Loud Vuvuzela
Mohamed	Header Pass	Padded Gloves	Right Footed	Curly Black Hair	Loud Vuvuzela
Sam	Bicycle Kick	Neon Cleats	Left Footed	Red Ponytail	Loud Vuvuzela
Marta	Rocket Volley	Padded Gloves	Right Footed	Spiky Blond Hair	Slippery Grass
Kylian	Curving Corner	Padded Gloves	Left Footed	Red Ponytail	Loud Vuvuzela
Sophia	Curving Corner	Padded Gloves	Right Footed	Curly Black Hair	Loud Vuvuzela
Trinity	Bicycle Kick	Gold Whistle	Left Footed	Red Ponytail	Muddy Ball
Neymar	Bicycle Kick	Padded Gloves	Left Footed	Spiky Blond Hair	Loud Vuvuzela
Megan	Curving Corner	Captain Armband	Left Footed	Spiky Blond Hair	Slippery Grass
Bukayo	Bicycle Kick	Neon Cleats	Right Footed	Spiky Blond Hair	Loud Vuvuzela
Chloe	Rocket Volley	Gold Whistle	Right Footed	Curly Black Hair	Slippery Grass
Alex	Header Pass	Striped Shin Guards	Right Footed	Curly Black Hair	Muddy Ball
Jamal	Rocket Volley	Captain Armband	Left Footed	Curly Black Hair	Muddy Ball
Rose	Bicycle Kick	Captain Armband	Right Footed	Curly Black Hair	Loud Vuvuzela

CLUE 1 Addition

Coach Robin counts all the soccer balls brought to the field.

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



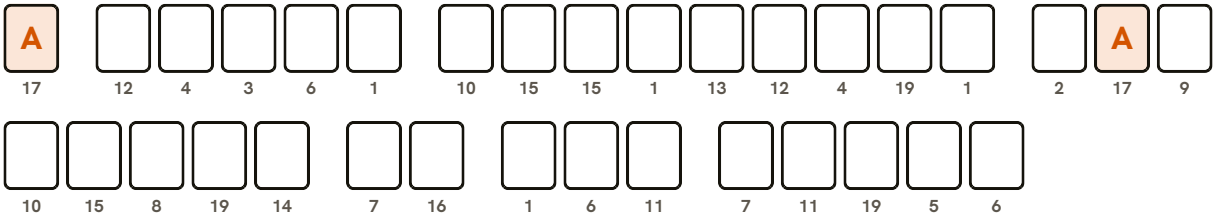
1 + 1 = ☐ → T	7 + 9 = ☐ → G	8 + 7 = ☐ → I	1 + 2 = ☐ → W
9 + 5 = ☐ → S	8 + 9 = ☐ → R	6 + 3 = ☐ → D	3 + 4 = ☐ → L
7 + 4 = ☐ → O	5 + 1 = ☐ → A	9 + 10 = ☐ → N	9 + 4 = ☐ → K
3 + 2 = ☐ → H	2 + 6 = ☐ → E		

Scratch space:

CLUE 2 Subtraction

The team takes away extra practice cones from the field drill.

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



18 - 1 = ☐ → A

16 - 9 = ☐ → B

20 - 1 = ☐ → N

10 - 4 = ☐ → H

18 - 2 = ☐ → Y

4 - 3 = ☐ → T

14 - 1 = ☐ → P

12 - 2 = ☐ → F

8 - 6 = ☐ → W

19 - 8 = ☐ → E

10 - 2 = ☐ → U

14 - 5 = ☐ → S

9 - 5 = ☐ → I

19 - 4 = ☐ → O

9 - 6 = ☐ → G

19 - 5 = ☐ → D

14 - 9 = ☐ → C

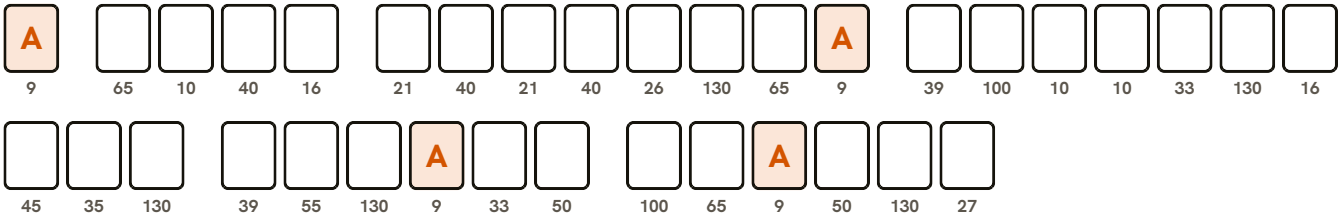
14 - 2 = ☐ → R

Scratch space:

CLUE 3 Skip counting

The goalie skip counts pairs of bright soccer cleats by twos.

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



Skip-count by 3s. Fill the blank: 3, 6, ___, 12, 15 ☐ → **A**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, ___, 70, 75 ☐ → **L**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, ___, 50, 55 ☐ → **T**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, ___, 36, 39 ☐ → **K**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, ___, 60, 65 ☐ → **N**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, ___, 140, 150 ☐ → **E**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, ___, 18, 20 ☐ → **D**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, ___, 12, 14 ☐ → **O**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, ___, 45, 50 ☐ → **U**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, ___, 24, 27 ☐ → **V**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, ___, 110, 120 ☐ → **P**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, ___, 55, 60 ☐ → **Y**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, ___, 30, 33 ☐ → **R**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, ___, 28, 30 ☐ → **Z**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, ___, 40, 45 ☐ → **H**

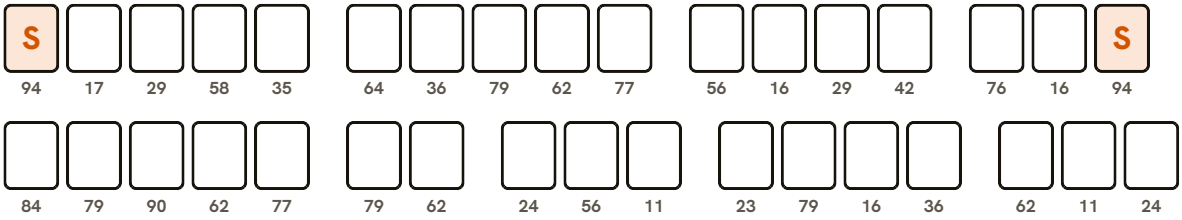
Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, ___, 42, 45 ☐ → **S**

Scratch space:

CLUE 4 Place value

Coach checks the tens and ones written on the locker board.

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



What number has 9 tens and 4 ones? ☐ → S

What number has 6 tens and 2 ones? ☐ → N

What number has 3 tens and 6 ones? ☐ → L

What number has 9 tens and 0 ones? ☐ → U

What number has 5 tens and 6 ones? ☐ → H

What number has 1 ten and 1 one? ☐ → E

What number has 7 tens and 6 ones? ☐ → W

What number has 2 tens and 9 ones? ☐ → I

What number has 1 ten and 7 ones? ☐ → P

What number has 3 tens and 5 ones? ☐ → Y

What number has 5 tens and 8 ones? ☐ → K

What number has 8 tens and 4 ones? ☐ → F

What number has 2 tens and 4 ones? ☐ → T

What number has 1 ten and 6 ones? ☐ → A

What number has 4 tens and 2 ones? ☐ → R

What number has 7 tens and 7 ones? ☐ → D

What number has 7 tens and 9 ones? ☐ → O

What number has 6 tens and 4 ones? ☐ → B

What number has 2 tens and 3 ones? ☐ → G

Scratch space:

CLUE 5 Missing addends - the last clue

> The team counts how many more water bottles they need for the game.

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:

2 + ___ = 10 ☐	4 + ___ = 10 ☐	4 + ___ = 11 ☐	4 + ___ = 7 ☐
1 + ___ = 2 ☐	6 + ___ = 15 ☐	7 + ___ = 19 ☐	10 + ___ = 15 ☐
9 + ___ = 20 ☐	5 + ___ = 9 ☐	2 + ___ = 4 ☐	

Step 2 - cross out the sentence with each answer:

1. The villain passed with a header pass, then laced up neon cleats.
2. The villain unleashed a power strike, then blew a gold whistle.
3. The villain bent in a curving corner, then laced up neon cleats.
4. The villain kicked a rocket volley, then pulled on padded gloves.
5. The villain unleashed a power strike, then laced up neon cleats.
6. The villain bent in a curving corner, then pulled on padded gloves.
7. The villain kicked a rocket volley, then laced up neon cleats.
8. The villain unleashed a power strike, then strapped on striped shin guards.
9. The villain bent in a curving corner, then strapped on striped shin guards.
10. The villain showed off a bicycle kick, then laced up neon cleats.
11. The villain showed off a bicycle kick, then adjusted a captain armband.
12. The villain bent in a curving corner, then adjusted a captain armband.

TEACHER / PARENT

Answer Key

The Missing Championship Trophy Mystery

Culprit: Bukayo

Bicycle Kick · Neon Cleats · Right Footed · Spiky Blond Hair · Loud Vuvuzela

Trail: Start 21 → Clue 1 18 → Clue 2 12 → Clue 3 7 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE SNEAK DOES NOT WEAR A GOLD WHISTLE"

1 + 1 = 2 (T) · 7 + 9 = 16 (G) · 8 + 7 = 15 (I) · 1 + 2 = 3 (W) · 9 + 5 = 14 (S) · 8 + 9 = 17 (R) · 6 + 3 = 9 (D) · 3 + 4 = 7 (L) · 7 + 4 = 11 (O) · 5 + 1 = 6 (A) · 9 + 10 = 19 (N) · 9 + 4 = 13 (K) · 3 + 2 = 5 (H) · 2 + 6 = 8 (E)

Clue 2 (Subtraction): "A RIGHT FOOTPRINT WAS FOUND BY THE BENCH"

18 - 1 = 17 (A) · 16 - 9 = 7 (B) · 20 - 1 = 19 (N) · 10 - 4 = 6 (H) · 18 - 2 = 16 (Y) · 4 - 3 = 1 (T) · 14 - 1 = 13 (P) · 12 - 2 = 10 (F) · 8 - 6 = 2 (W) · 19 - 8 = 11 (E) · 10 - 2 = 8 (U) · 14 - 5 = 9 (S) · 9 - 5 = 4 (I) · 19 - 4 = 15 (O) · 9 - 6 = 3 (G) · 19 - 5 = 14 (D) · 14 - 9 = 5 (C) · 14 - 2 = 12 (R)

Clue 3 (Skip counting): "A LOUD VUVUZELA SPOOKED THE SNEAKY PLAYER"

Skip-count by 3s. Fill the blank: 3, 6, ___, 12, 15 = 9 (A) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, ___, 70, 75 = 65 (L) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, ___, 50, 55 = 45 (T) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, ___, 36, 39 = 33 (K) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, ___, 60, 65 = 55 (N) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, ___, 140, 150 = 130 (E) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, ___, 18, 20 = 16 (D) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, ___, 12, 14 = 10 (O) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, ___, 45, 50 = 40 (U) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, ___, 24, 27 = 21 (V) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, ___, 110, 120 = 100 (P) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, ___, 55, 60 = 50 (Y) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, ___, 30, 33 = 27 (R) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, ___, 28, 30 = 26 (Z) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, ___, 40, 45 = 35 (H) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, ___, 42, 45 = 39 (S)

Clue 4 (Place value): "SPIKY BLOND HAIR WAS FOUND ON THE GOAL NET"

What number has 9 tens and 4 ones? = 94 (S) · What number has 6 tens and 2 ones? = 62 (N) · What number has 3 tens and 6 ones? = 36 (L) · What number has 9 tens and 0 ones? = 90 (U) · What number has 5 tens and 6 ones? = 56 (H) · What number has 1 ten and 1 one? = 11 (E) · What number has 7 tens and 6 ones? = 76 (W) · What number has 2 tens and 9 ones? = 29 (I) · What number has 1 ten and 7 ones? = 17 (P) · What number has 3 tens and 5 ones? = 35 (Y) · What number has 5 tens and 8 ones? = 58 (K) · What number has 8 tens and 4 ones? = 84 (F) · What number has 2 tens and 4 ones? = 24 (T) · What number has 1 ten and 6 ones? = 16 (A) · What number has 4 tens and 2 ones? = 42 (R) · What number has 7 tens and 7 ones? = 77 (D) · What number has 7 tens and 9 ones? = 79 (O) · What number has 6 tens and 4 ones? = 64 (B) · What number has 2 tens and 3 ones? = 23 (G)

Clue 5 (Missing addends): surviving statement is box 10 → Bukayo

2 + ___ = 10 = 8 · 4 + ___ = 10 = 6 · 4 + ___ = 11 = 7 · 4 + ___ = 7 = 3 · 1 + ___ = 2 = 1 · 6 + ___ = 15 = 9 · 7 + ___ = 19 = 12 · 10 + ___ = 15 = 5 · 9 + ___ = 20 = 11 · 5 + ___ = 9 = 4 · 2 + ___ = 4 = 2