



The Golden Trophy Mystery

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

Detective: _____ Date: _____

The championship trophy was taken right before the big match! Solve the math clues to help Coach Sam find the Sneaky Striker before kickoff.

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	SPECIAL GEAR	WRISTBAND SIDE	HAIRSTYLE	SECRET WEAKNESS
Bukayo Saka	Bicycle Kick	Speed Socks	Left Wristband	Braided Hair	Slippery Mud
Luka Modric	Rocket Header	Glow Cleats	Left Wristband	Curly Hair	Slippery Mud
Kylian Mbappe	Rocket Header	Silver Gloves	Right Wristband	Spiky Hair	Slippery Mud
Jude Bellingham	Mega Save	Speed Socks	Left Wristband	Braided Hair	Bright Lights
Pedri	Bicycle Kick	Silver Gloves	Right Wristband	Curly Hair	Slippery Mud
Virgil van Dijk	Super Kick	Neon Shin Guards	Left Wristband	Braided Hair	Slippery Mud
Son Heungmin	Rocket Header	Golden Whistle	Right Wristband	Braided Hair	Slippery Mud
Jamal Musiala	Mega Save	Speed Socks	Right Wristband	Braided Hair	Slippery Mud
Kevin De Bruyne	Rocket Header	Glow Cleats	Left Wristband	Braided Hair	Slippery Mud
Jack Grealish	Mega Save	Golden Whistle	Right Wristband	Spiky Hair	Loud Whistle
Cole Palmer	Mega Save	Glow Cleats	Left Wristband	Braided Hair	Slippery Mud
Erling Haaland	Mega Save	Golden Whistle	Left Wristband	Braided Hair	Slippery Mud
Rodri	Rocket Header	Speed Socks	Right Wristband	Curly Hair	Slippery Mud
Trent Alexander	Bicycle Kick	Glow Cleats	Right Wristband	Curly Hair	Slippery Mud
Declan Rice	Bicycle Kick	Silver Gloves	Left Wristband	Braided Hair	Bright Lights
Harry Kane	Super Kick	Speed Socks	Left Wristband	Curly Hair	Bright Lights
Megan Rapinoe	Rocket Header	Speed Socks	Right Wristband	Braided Hair	Bright Lights
Alex Morgan	Bicycle Kick	Golden Whistle	Left Wristband	Spiky Hair	Bright Lights
Cristiano Ronaldo	Bicycle Kick	Golden Whistle	Right Wristband	Braided Hair	Slippery Mud
Sam Kerr	Curve Shot	Golden Whistle	Left Wristband	Braided Hair	Bright Lights
Bruno Fernandes	Curve Shot	Speed Socks	Left Wristband	Spiky Hair	Slippery Mud

CLUE 1
Addition

Coach Sam counts all the soccer balls brought to the field. Solve this addition problem to read the first note.

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

T			T															
43	86	81	43	86	82	81	76	97	58	81	42	24	58	43	86	89	74	81
24	81	58	24	42	86	82	24	79	30	89	83	97	42					

$17 + 26 = \square \rightarrow \text{T}$

$21 + 9 = \square \rightarrow \text{U}$

$42 + 44 = \square \rightarrow \text{H}$

$29 + 53 = \square \rightarrow \text{I}$

$28 + 14 = \square \rightarrow \text{S}$

$60 + 29 = \square \rightarrow \text{A}$

$59 + 24 = \square \rightarrow \text{R}$

$25 + 49 = \square \rightarrow \text{V}$

$15 + 9 = \square \rightarrow \text{N}$

$34 + 24 = \square \rightarrow \text{O}$

$39 + 42 = \square \rightarrow \text{E}$

$50 + 47 = \square \rightarrow \text{D}$

$46 + 30 = \square \rightarrow \text{F}$

$42 + 37 = \square \rightarrow \text{G}$

Scratch space:

CLUE 2

The team hands out jerseys and sees how many are left in the bin. Solve this subtraction problem to find the next lead.

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

Diagram illustrating a sequence of numbers arranged in two rows. The top row contains 19 boxes, and the bottom row contains 9 boxes. The numbers in the boxes are as follows:

Row	Box 1	Box 2	Box 3	Box 4	Box 5	Box 6	Box 7	Box 8	Box 9	Box 10	Box 11	Box 12	Box 13	Box 14	Box 15	Box 16	Box 17	Box 18	Box 19
Top Row	19	56	27	58	37	58	74	27	36	19	75	43	26	27	30	76	27	70	19
Bottom Row	75	26	49	58	19	88	30	64	52										

The boxes containing the number 19 are highlighted in orange and labeled with a 'T' above them.

$59 - 40 = \square \rightarrow \boxed{\text{T}}$

107 - 31 = →

$$43 - 16 = \boxed{} \rightarrow \boxed{\text{E}}$$

$57 - 14 = \square \rightarrow \boxed{\text{O}}$

59 - 33 = → **R**

53 - 4 = →

$96 - 26 = \boxed{} \rightarrow \boxed{\text{F}}$

$$62 - 6 = \boxed{} \rightarrow \boxed{\text{H}}$$

$123 - 35 = \boxed{} \rightarrow \boxed{\mathbf{B}}$

82 - 18 = → **N**

$58 - 28 = \square \rightarrow \boxed{\mathbf{A}}$

$89 - 31 = \square \rightarrow \boxed{\text{S}}$

$77 - 25 = \square \rightarrow \boxed{\text{D}}$

$100 - 26 = \square \rightarrow \boxed{\text{P}}$

$$60 - 24 = \boxed{} \rightarrow \boxed{\text{C}}$$

$57 - 20 = \square \rightarrow \boxed{\text{U}}$

$92 - 17 = \square \rightarrow \boxed{\text{W}}$

Scratch space:

CLUE 3 Place value

The digital scoreboard blinks with tens and ones digit displays. Use place value to reveal where the suspect went.

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

T											T					
90	49	55	56	39	55	11	18	85	56	90	15	51	18	55	15	

T																			
90	15	51	27	27	55	74	51	39	56	60	51	27	27	55	15	85	75	70	74

What number has 9 tens and 0 ones? → **T**

What number has 7 tens and 5 ones? → **M**

What number has 6 tens and 0 ones? → **L**

What number has 2 tens and 7 ones? → **P**

What number has 1 ten and 1 one? → **A**

What number has 5 tens and 1 one? → **I**

What number has 1 ten and 8 ones? → **K**

What number has 7 tens and 4 ones? → **D**

What number has 5 tens and 5 ones? → **E**

What number has 4 tens and 9 ones? → **H**

What number has 3 tens and 9 ones? → **N**

What number has 7 tens and 0 ones? → **U**

What number has 8 tens and 5 ones? → **Y**

What number has 5 tens and 6 ones? → **S**

What number has 1 ten and 5 ones? → **R**

Scratch space:

CLUE 4 Skip counting

The referee counts training cones by twos along the sideline. Skip count to unlock this piece of evidence.

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

T														
30	90	22	100	27	35	16	120	22	21	27	10	9	20	
140	70	80	16	20	22	20	90	80	16	70	9	22	80	70
9	22	30												

Skip-count by 10s. Fill the blank: 10, 20, __, 40, 50 → **T**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, __, 90, 100 → **A**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, __, 130, 140 → **C**

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

Skip-count by 3s. Fill the blank: 3, 6, __, 12, 15 → **N**

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

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, __, 75, 80 → **R**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, __, 100, 110 → **H**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, __, 150, 160 → **B**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, __, 12, 14 → **U**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, __, 22, 24 → **D**

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, __, 24, 26 → **E**

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

Scratch space:

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

The captain needs to fill in the missing total on the practice sheet. Find the missing number to catch the culprit.

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:

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

$7 + \underline{\quad} = 14$

$9 + \underline{\quad} = 18$

$5 + \underline{\quad} = 16$

$7 + \underline{\quad} = 10$

$3 + \underline{\quad} = 15$

$4 + \underline{\quad} = 9$

$2 + \underline{\quad} = 4$

$6 + \underline{\quad} = 14$

$7 + \underline{\quad} = 17$

$4 + \underline{\quad} = 5$

Step 2 - cross out the sentence with each answer:

1. The villain curved a bending shot, then pulled on speed socks.
2. The villain curved a bending shot, then blew a golden whistle.
3. The villain curved a bending shot, then laced up glow cleats.
4. The villain landed a bicycle kick, then pulled on speed socks.
5. The villain scored with a super kick, then put on silver gloves.
6. The villain blasted a rocket header, then laced up glow cleats.
7. The villain made a mega save, then blew a golden whistle.
8. The villain blasted a rocket header, then snapped on neon shin guards.
9. The villain made a mega save, then laced up glow cleats.
10. The villain blasted a rocket header, then pulled on speed socks.
11. The villain made a mega save, then snapped on neon shin guards.
12. The villain landed a bicycle kick, then laced up glow cleats.

Answer Key

The Golden Trophy Mystery

Culprit: Bukayo Saka

Bicycle Kick · Speed Socks · Left Wristband · Braided Hair · Slippery Mud

Trail: Start 21 → Clue 1 20 → Clue 2 11 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE THIEF DOES NOT HAVE NEON SHIN GUARDS"

$17 + 26 = 43$ (T) · $21 + 9 = 30$ (U) · $42 + 44 = 86$ (H) · $29 + 53 = 82$ (I) · $28 + 14 = 42$ (S) · $60 + 29 = 89$ (A) · $59 + 24 = 83$ (R) · $25 + 49 = 74$ (V) · $15 + 9 = 24$ (N) · $34 + 24 = 58$ (O) · $39 + 42 = 81$ (E) · $50 + 47 = 97$ (D) · $46 + 30 = 76$ (F) · $42 + 37 = 79$ (G)

Clue 2 (Subtraction): "THE SUSPECT WORE A LEFT WRISTBAND"

$59 - 40 = 19$ (T) · $107 - 31 = 76$ (L) · $43 - 16 = 27$ (E) · $57 - 14 = 43$ (O) · $59 - 33 = 26$ (R) · $53 - 4 = 49$ (I) · $96 - 26 = 70$ (F) · $62 - 6 = 56$ (H) · $123 - 35 = 88$ (B) · $82 - 18 = 64$ (N) · $58 - 28 = 30$ (A) · $89 - 31 = 58$ (S) · $77 - 25 = 52$ (D) · $100 - 26 = 74$ (P) · $60 - 24 = 36$ (C) · $57 - 20 = 37$ (U) · $92 - 17 = 75$ (W)

Clue 3 (Place value): "THE SNEAKY STRIKER TRIPPED IN SLIPPERY MUD"

What number has 9 tens and 0 ones? = 90 (T) · What number has 7 tens and 5 ones? = 75 (M) · What number has 6 tens and 0 ones? = 60 (L) · What number has 2 tens and 7 ones? = 27 (P) · What number has 1 ten and 1 one? = 11 (A) · What number has 5 tens and 1 one? = 51 (I) · What number has 1 ten and 8 ones? = 18 (K) · What number has 7 tens and 4 ones? = 74 (D) · What number has 5 tens and 5 ones? = 55 (E) · What number has 4 tens and 9 ones? = 49 (H) · What number has 3 tens and 9 ones? = 39 (N) · What number has 7 tens and 0 ones? = 70 (U) · What number has 8 tens and 5 ones? = 85 (Y) · What number has 5 tens and 6 ones? = 56 (S) · What number has 1 ten and 5 ones? = 15 (R)

Clue 4 (Skip counting): "THE POLICE FOUND BRAIDED HAIR NEAR THE NET"

Skip-count by 10s. Fill the blank: 10, 20, __, 40, 50 = 30 (T) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, __, 90, 100 = 80 (A) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, __, 130, 140 = 120 (C) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, __, 30, 33 = 27 (O) · Skip-count by 3s. Fill the blank: 3, 6, __, 12, 15 = 9 (N) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, __, 110, 120 = 100 (P) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, __, 24, 27 = 21 (F) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, __, 75, 80 = 70 (R) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, __, 100, 110 = 90 (H) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, __, 150, 160 = 140 (B) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, __, 12, 14 = 10 (U) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, __, 22, 24 = 20 (D) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, __, 18, 20 = 16 (I) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, __, 24, 26 = 22 (E) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, __, 40, 45 = 35 (L)

Clue 5 (Missing addends): surviving statement is box 4 → Bukayo Saka

$8 + \underline{\quad} = 14 = 6$ · $7 + \underline{\quad} = 14 = 7$ · $9 + \underline{\quad} = 18 = 9$ · $5 + \underline{\quad} = 16 = 11$ · $7 + \underline{\quad} = 10 = 3$ · $3 + \underline{\quad} = 15 = 12$ · $4 + \underline{\quad} = 9 = 5$ · $2 + \underline{\quad} = 4 = 2$ · $6 + \underline{\quad} = 14 = 8$ · $7 + \underline{\quad} = 17 = 10$ · $4 + \underline{\quad} = 5 = 1$