



The Case of the Missing Championship Cup

Grade 2 math · Addition, Subtraction, Skip counting, Place value, Missing addends · Reading level grades 3-4

Detective: _____ Date: _____

The grand finale is tonight, but someone has stolen the Golden Soccer Cup! The Head Coach needs your team of junior detectives to solve the clues, track down the bandit, and save the championship match before the opening whistle.

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 stadium bandit 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	SUPER GEAR	KICKING FOOT	HAIRSTYLE	DISTRACTION
Rose Lavelle	invisible pass play	bounce pad shinguards	right foot dominant	spiky orange ponytail	slippery banana peels
Virgil van Dijk	gravity bending kick	sticky grip gloves	right foot dominant	lightning bolt buzzcut	loud referee whistles
Bruno Fernandes	rocket power shot	bounce pad shinguards	left foot dominant	spiky orange ponytail	loud referee whistles
Sam Kerr	invisible pass play	turbo wind-up socks	right foot dominant	lightning bolt buzzcut	squeaky dog toys
Pedri Gonzalez	hypnotic ball spin	shield generator jersey	left foot dominant	bright green mohawk	squeaky dog toys
Mohamed Salah	rocket power shot	sticky grip gloves	left foot dominant	lightning bolt buzzcut	loud referee whistles
Luka Modric	super speed dribble	laser neon cleats	right foot dominant	spiky orange ponytail	loud referee whistles
Jude Bellingham	rocket power shot	sticky grip gloves	left foot dominant	bright green mohawk	slippery banana peels
Marcus Rashford	gravity bending kick	turbo wind-up socks	left foot dominant	spiky orange ponytail	squeaky dog toys
Kylian Mbappe	hypnotic ball spin	sticky grip gloves	right foot dominant	lightning bolt buzzcut	squeaky dog toys
Erling Haaland	gravity bending kick	turbo wind-up socks	right foot dominant	bright green mohawk	squeaky dog toys
Alex Morgan	rocket power shot	laser neon cleats	right foot dominant	lightning bolt buzzcut	squeaky dog toys
Marta Vieira	hypnotic ball spin	laser neon cleats	right foot dominant	spiky orange ponytail	loud referee whistles
Megan Rapinoe	gravity bending kick	sticky grip gloves	right foot dominant	bright green mohawk	squeaky dog toys
Neymar Jr	rocket power shot	shield generator jersey	left foot dominant	lightning bolt buzzcut	squeaky dog toys
Lucy Bronze	hypnotic ball spin	laser neon cleats	right foot dominant	bright green mohawk	squeaky dog toys
Son Heungmin	super speed dribble	turbo wind-up socks	right foot dominant	bright green mohawk	loud referee whistles
Jack Grealish	rocket power shot	turbo wind-up socks	right foot dominant	bright green mohawk	squeaky dog toys
Harry Kane	rocket power shot	sticky grip gloves	right foot dominant	bright green mohawk	squeaky dog toys
Bukayo Saka	invisible pass play	bounce pad shinguards	right foot dominant	bright green mohawk	squeaky dog toys
Leo Messi	hypnotic ball spin	shield generator jersey	right foot dominant	spiky orange ponytail	squeaky dog toys

CLUE 1

84 88 77 57 81 33 33 92 81 48 24 46 77 95 48 46 84

65 77 92 35 95 84 81 40 39 30 89 35 81 74 89 33 46 57 77 95

$38 + 46 = \boxed{} \rightarrow \boxed{\text{T}}$

$$48 + 29 = \boxed{} \rightarrow \boxed{\text{E}}$$

$$21 + 12 = \boxed{} \rightarrow \boxed{\text{L}}$$

$26 + 31 = \boxed{} \rightarrow \boxed{\text{V}}$

$$33 + 48 = \boxed{} \rightarrow \boxed{\text{I}}$$

$20 + 19 = \boxed{} \rightarrow \boxed{\text{K}}$

$29 + 17 = \square \rightarrow \boxed{\text{O}}$

$18 + 30 = \boxed{} \rightarrow \boxed{\text{N}}$

$$34 + 31 = \boxed{} \rightarrow \boxed{\text{W}}$$

$33 + 56 = \square \rightarrow \boxed{\mathbf{G}}$

$$18 + 17 = \boxed{} \rightarrow \boxed{\text{R}}$$

$$44 + 51 = \boxed{} \rightarrow \boxed{\text{S}}$$

$24 + 50 = \boxed{} \rightarrow \boxed{\text{P}}$

$25 + 15 = \boxed{} \rightarrow \boxed{\text{C}}$

$15 + 9 = \square \rightarrow \boxed{\text{D}}$

$$57 + 31 = \boxed{} \rightarrow \boxed{\text{H}}$$

$12 + 18 = \boxed{} \rightarrow \boxed{\text{Y}}$

$$52 + 40 = \boxed{} \rightarrow \boxed{\mathbf{A}}$$

CLUE 2 Subtraction

The team subtracted the missing water bottles from the total crate to find the villain's getaway path.

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

T																		
75	20	85	87	47	19	68	68	35	19	68	65	60	46	65	85	36	58	27
78	59	19	47	60	87	20	75	48	15	15	75							

$104 - 29 = \square \rightarrow$ T	$50 - 14 = \square \rightarrow$ D	$24 - 9 = \square \rightarrow$ O
$84 - 26 = \square \rightarrow$ U	$86 - 21 = \square \rightarrow$ K	$38 - 11 = \square \rightarrow$ P
$97 - 37 = \square \rightarrow$ I	$116 - 31 = \square \rightarrow$ E	$88 - 29 = \square \rightarrow$ Y
$53 - 5 = \square \rightarrow$ F	$43 - 24 = \square \rightarrow$ A	$99 - 31 = \square \rightarrow$ S
$49 - 2 = \square \rightarrow$ R	$71 - 25 = \square \rightarrow$ C	$69 - 34 = \square \rightarrow$ W
$93 - 6 = \square \rightarrow$ G	$26 - 6 = \square \rightarrow$ H	$109 - 31 = \square \rightarrow$ B

Scratch space:

CLUE 3

By counting the rows of stadium seats by fives, our detective spotted a clue left under a seat.

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

[illegible]

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

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

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

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, __, 39, 42 → **D**

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, __, 45, 48 → **G**

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

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

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, , 16, 18 → **R**

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, , 26, 28 → **E**

Scratch space:

CLUE 4
Place value

The giant scoreboard flashed numbers, and checking the tens place revealed the villain's hair color clue.

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

A													A			
19	65	79	92	93	70	28	93	79	41	41	82	70	19	92	79	
			A				A									
47	28	79	19	82	50	42	19	47	80	82	28	70	41	82	41	28

What number has 1 ten and 9 ones?

→

A

What number has 7 tens and 9 ones?

→

R

What number has 4 tens and 1 one?

→

E

What number has 5 tens and 0 ones?

→

D

What number has 7 tens and 0 ones?

→

H

What number has 8 tens and 2 ones?

→

N

What number has 9 tens and 3 ones?

→

G

What number has 2 tens and 8 ones?

→

T

What number has 4 tens and 2 ones?

→

W

What number has 8 tens and 0 ones?

→

O

What number has 9 tens and 2 ones?

→

I

What number has 6 tens and 5 ones?

→

B

What number has 4 tens and 7 ones?

→

S

Scratch space:

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

To unlock the equipment bag, the players solved how many extra soccer balls were needed to reach twenty.

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:

$9 + \underline{\quad} = 21$

$10 + \underline{\quad} = 12$

$7 + \underline{\quad} = 12$

$7 + \underline{\quad} = 8$

$1 + \underline{\quad} = 10$

$8 + \underline{\quad} = 11$

$9 + \underline{\quad} = 20$

$7 + \underline{\quad} = 13$

$4 + \underline{\quad} = 8$

$2 + \underline{\quad} = 12$

$1 + \underline{\quad} = 8$

Step 2 - cross out the sentence with each answer:

1. The villain switches the team jerseys with clown suits, then flees through the mud.
2. The villain deflates all the game balls, then zooms away in a fast golf cart.
3. The villain switches the team jerseys with clown suits, then hopes to escape in a parachute.
4. The villain deflates all the game balls, then blasts a ball into the lights.
5. The villain switches the team jerseys with clown suits, then leaves behind giant grass stains.
6. The villain tangles the stadium goal nets, then flees through the mud.
7. The villain swipes the golden championship cup, then zooms away in a fast golf cart.
8. The villain draws funny faces on the soccer balls, then flees through the mud.
9. The villain tangles the stadium goal nets, then hopes to escape in a parachute.
10. The villain switches the team jerseys with clown suits, then blasts a ball into the lights.
11. The villain deflates all the game balls, then flees through the mud.
12. The villain tangles the stadium goal nets, then zooms away in a fast golf cart.

Answer Key

The Case of the Missing Championship Cup

Culprit: Lucy Bronze

hypnotic ball spin · laser neon cleats · right foot dominant · bright green mohawk · squeaky dog toys

Trail: Start 21 → Clue 1 15 → Clue 2 11 → Clue 3 7 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE VILLAIN DOES NOT WEAR STICKY GRIP GLOVES"

$38 + 46 = 84$ (T) · $48 + 29 = 77$ (E) · $21 + 12 = 33$ (L) · $26 + 31 = 57$ (V) · $33 + 48 = 81$ (I) · $20 + 19 = 39$ (K) · $29 + 17 = 46$ (O) · $18 + 30 = 48$ (N) · $34 + 31 = 65$ (W) · $33 + 56 = 89$ (G) · $18 + 17 = 35$ (R) · $44 + 51 = 95$ (S) · $24 + 50 = 74$ (P) · $25 + 15 = 40$ (C) · $15 + 9 = 24$ (D) · $57 + 31 = 88$ (H) · $12 + 18 = 30$ (Y) · $52 + 40 = 92$ (A)

Clue 2 (Subtraction): "THE GRASS WAS KICKED UP BY A RIGHT FOOT"

$104 - 29 = 75$ (T) · $50 - 14 = 36$ (D) · $24 - 9 = 15$ (O) · $84 - 26 = 58$ (U) · $86 - 21 = 65$ (K) · $38 - 11 = 27$ (P) · $97 - 37 = 60$ (I) · $116 - 31 = 85$ (E) · $88 - 29 = 59$ (Y) · $53 - 5 = 48$ (F) · $43 - 24 = 19$ (A) · $99 - 31 = 68$ (S) · $49 - 2 = 47$ (R) · $71 - 25 = 46$ (C) · $69 - 34 = 35$ (W) · $93 - 6 = 87$ (G) · $26 - 6 = 20$ (H) · $109 - 31 = 78$ (B)

Clue 3 (Skip counting): "THEY TRIPPED WHEN THEY HEARD A DOG TOY"

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, __, 21, 24 = 18 (T) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, __, 70, 80 = 60 (I) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, __, 36, 39 = 33 (W) · Skip-count by 3s. Fill the blank: 3, 6, __, 12, 15 = 9 (Y) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, __, 39, 42 = 36 (D) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, __, 150, 160 = 140 (H) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, __, 45, 48 = 42 (G) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, __, 70, 75 = 65 (O) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, __, 100, 110 = 90 (A) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, __, 24, 26 = 22 (P) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, __, 16, 18 = 14 (R) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, __, 22, 24 = 20 (N) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, __, 26, 28 = 24 (E)

Clue 4 (Place value): "A BRIGHT GREEN HAIR STRAND WAS ON THE NET"

What number has 1 ten and 9 ones? = 19 (A) · What number has 7 tens and 9 ones? = 79 (R) · What number has 4 tens and 1 one? = 41 (E) · What number has 5 tens and 0 ones? = 50 (D) · What number has 7 tens and 0 ones? = 70 (H) · What number has 8 tens and 2 ones? = 82 (N) · What number has 9 tens and 3 ones? = 93 (G) · What number has 2 tens and 8 ones? = 28 (T) · What number has 4 tens and 2 ones? = 42 (W) · What number has 8 tens and 0 ones? = 80 (O) · What number has 9 tens and 2 ones? = 92 (I) · What number has 6 tens and 5 ones? = 65 (B) · What number has 4 tens and 7 ones? = 47 (S)

Clue 5 (Missing addends): surviving statement is box 8 → Lucy Bronze

$9 + \underline{\quad} = 21 = 12$ · $10 + \underline{\quad} = 12 = 2$ · $7 + \underline{\quad} = 12 = 5$ · $7 + \underline{\quad} = 8 = 1$ · $1 + \underline{\quad} = 10 = 9$ · $8 + \underline{\quad} = 11 = 3$ · $9 + \underline{\quad} = 20 = 11$ · $7 + \underline{\quad} = 13 = 6$ · $4 + \underline{\quad} = 8 = 4$ · $2 + \underline{\quad} = 12 = 10$ · $1 + \underline{\quad} = 8 = 7$