



# 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** Addition

Coach Clara added the training cones in the storage shed and the field cones together to find a hidden clue note.

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

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

$38 + 46 = \boxed{\phantom{00}} \rightarrow \boxed{\text{T}}$

$$48 + 29 = \boxed{\phantom{00}} \rightarrow \boxed{\text{E}}$$

$$21 + 12 = \boxed{\phantom{00}} \rightarrow \boxed{\text{L}}$$

$$26 + 31 = \boxed{\phantom{00}} \rightarrow \boxed{\mathbf{v}}$$

$33 + 48 = \boxed{\phantom{00}} \rightarrow \boxed{\phantom{00}}$

$$20 + 19 = \boxed{\phantom{00}} \rightarrow \boxed{\text{K}}$$

$$29 + 17 = \boxed{\phantom{00}} \rightarrow \boxed{0}$$

$18 + 30 = \boxed{\phantom{00}} \rightarrow \boxed{\mathbf{N}}$

$$34 + 31 = \boxed{\phantom{00}} \rightarrow \boxed{\text{W}}$$

$33 + 56 = \boxed{\phantom{00}} \rightarrow \boxed{\text{G}}$

$$18 + 17 = \boxed{\phantom{00}} \rightarrow \boxed{\mathbf{R}}$$

$$44 + 51 = \boxed{\phantom{00}} \rightarrow \boxed{\text{S}}$$

$24 + 50 = \boxed{\phantom{00}} \rightarrow \boxed{\text{P}}$

$25 + 15 = \boxed{\phantom{00}} \rightarrow \boxed{\text{C}}$

$15 + 9 = \boxed{\phantom{00}} \rightarrow \boxed{\mathbf{D}}$

$$57 + 31 = \boxed{\phantom{00}} \rightarrow \boxed{\text{H}}$$

$12 + 18 = \boxed{\phantom{00}} \rightarrow \boxed{\text{Y}}$

$$52 + 40 = \boxed{\phantom{00}} \rightarrow \boxed{\mathbf{A}}$$

Scratch space:

## 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 |    |    |    |    |    |    |    |

$104 - 29 = \square \rightarrow \boxed{\text{T}}$

$50 - 14 = \square \rightarrow \boxed{\text{D}}$

$24 - 9 = \square \rightarrow \boxed{\text{O}}$

$84 - 26 = \square \rightarrow \boxed{\text{U}}$

$86 - 21 = \square \rightarrow \boxed{\text{K}}$

$38 - 11 = \square \rightarrow \boxed{\text{P}}$

$97 - 37 = \square \rightarrow \boxed{\text{I}}$

$116 - 31 = \square \rightarrow \boxed{\text{E}}$

$88 - 29 = \square \rightarrow \boxed{\text{Y}}$

$53 - 5 = \square \rightarrow \boxed{\text{F}}$

$43 - 24 = \square \rightarrow \boxed{\text{A}}$

$99 - 31 = \square \rightarrow \boxed{\text{S}}$

$49 - 2 = \square \rightarrow \boxed{\text{R}}$

$71 - 25 = \square \rightarrow \boxed{\text{C}}$

$69 - 34 = \square \rightarrow \boxed{\text{W}}$

$93 - 6 = \square \rightarrow \boxed{\text{G}}$

$26 - 6 = \square \rightarrow \boxed{\text{H}}$

$109 - 31 = \square \rightarrow \boxed{\text{B}}$

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.

Diagram showing the arrangement of 18 people in two rows. The front row has 10 people, and the back row has 8 people. The total number of people is 18. The diagram shows the following arrangement:

|     |     |    |    |    |    |    |    |    |    |    |    |     |    |    |    |     |    |   |
|-----|-----|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|-----|----|---|
| 18  | 140 | 24 | 9  | 18 | 14 | 60 | 22 | 22 | 24 | 36 | 33 | 140 | 24 | 20 | 18 | 140 | 24 | 9 |
| 140 | 24  | 90 | 14 | 36 | 90 | 36 | 65 | 42 | 18 | 65 | 9  |     |    |    |    |     |    |   |

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

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