The World Cup Trophy Heist

Grade 4 math · Rounding, Addition, Subtraction, Multiplication, Division · Reading level grades 3-4

Detective: _____ **Date:** _____

The golden World Cup trophy is gone! It was sitting right on the center line, and now there is just an empty stand. A giant blast of a vuvuzela echoed through the stadium, and someone in dreadlocks ran off. The Head Referee needs your help to crack the clues and find the trophy before the final 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 Sneak is _____

Possible suspects

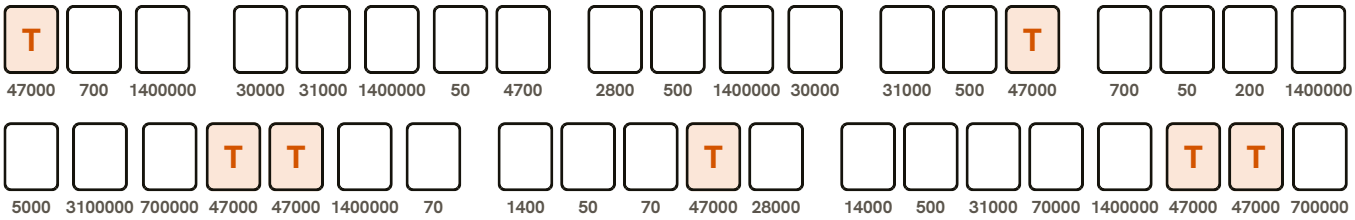
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	SIGNATURE MOVE	FAN ACCESSORY	PLAYER TYPE	DREADLOCK STYLE	MATCH DISTRACTION
Maya	power curve shot	neon face paint	boy player	short spiked dreads	soggy muddy pitch
Zara	super bicycle kick	neon face paint	girl player	beaded dreadlocks	soggy muddy pitch
Ruby	super bicycle kick	giant foam finger	boy player	short spiked dreads	soggy muddy pitch
Jax	slide tackle sweep	lucky mascot hat	boy player	short spiked dreads	flat soccer ball
Rex	super bicycle kick	neon face paint	boy player	beaded dreadlocks	squeaky whistle
Max	super bicycle kick	neon face paint	girl player	short spiked dreads	flat soccer ball
Toby	mega gravity header	giant foam finger	girl player	beaded dreadlocks	squeaky whistle
Luna	super bicycle kick	golden vuvuzela	boy player	neon green dreads	flat soccer ball
Bella	mega gravity header	lucky mascot hat	boy player	beaded dreadlocks	soggy muddy pitch
Mia	super bicycle kick	golden vuvuzela	girl player	neon green dreads	squeaky whistle
Nina	slide tackle sweep	neon face paint	girl player	short spiked dreads	flat soccer ball
Cora	slide tackle sweep	lucky mascot hat	boy player	beaded dreadlocks	flat soccer ball
Leo	super bicycle kick	glitter party confetti	boy player	short spiked dreads	soggy muddy pitch
Hugo	power curve shot	giant foam finger	girl player	neon green dreads	soggy muddy pitch
Enzo	slide tackle sweep	neon face paint	boy player	short spiked dreads	soggy muddy pitch
Pip	slide tackle sweep	neon face paint	boy player	beaded dreadlocks	soggy muddy pitch
Dani	super bicycle kick	giant foam finger	girl player	beaded dreadlocks	soggy muddy pitch
Sam	lightning speed dribble	lucky mascot hat	girl player	short spiked dreads	soggy muddy pitch
Otis	super bicycle kick	golden vuvuzela	girl player	short spiked dreads	soggy muddy pitch
Cleo	lightning speed dribble	lucky mascot hat	boy player	short spiked dreads	soggy muddy pitch
Lily	lightning speed dribble	lucky mascot hat	boy player	neon green dreads	flat soccer ball

CLUE 1 Rounding

> The stadium radar tracked the runaway thief. The digital screen was blurry, so we had to round the speed numbers to the nearest ten to see where they went.

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



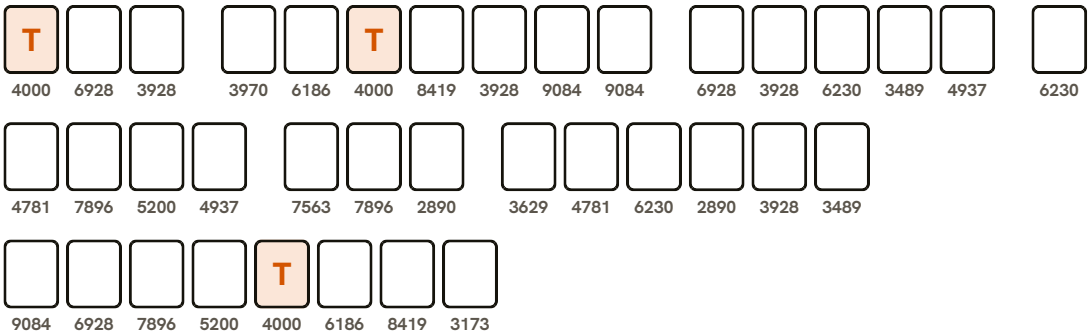
Round 46,629 to the nearest thousand		T	Round 5,356 to the nearest thousand		G	Round 244 to the nearest hundred		V
Round 703 to the nearest hundred		H	Round 14,001 to the nearest thousand		C	Round 67,290 to the nearest ten thousand		F
Round 29,614 to the nearest ten thousand		S	Round 3,140,047 to the nearest hundred thousand		L	Round 454 to the nearest hundred		O
Round 1,394 to the nearest hundred		P	Round 4,707 to the nearest hundred		K	Round 28,287 to the nearest thousand		Y
Round 1,369,093 to the nearest hundred thousand		E	Round 67 to the nearest ten		R	Round 2,836 to the nearest hundred		D
Round 54 to the nearest ten		A	Round 736,479 to the nearest hundred thousand		I	Round 31,292 to the nearest thousand		N

Scratch space:

CLUE 2 Addition

> A fan on the sidelines was counting the total vuvuzela blasts. By adding the noise levels from both halves, we found a secret note dropped in the excitement.

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



1497 + 2503 =		T	3358 + 2828 =		I	1638 + 1252 =		Y
2239 + 2542 =		L	2301 + 2899 =		U	4560 + 3859 =		N
4007 + 2223 =		A	3348 + 5736 =		S	2251 + 1238 =		R
1488 + 1685 =		G	1171 + 2458 =		P	1262 + 2708 =		W
3113 + 3815 =		H	3429 + 1508 =		D	1760 + 2168 =		E
4219 + 3344 =		B	4132 + 3764 =		O			

Scratch space:

CLUE 3 Subtraction

> The team equipment manager noticed some gear was missing. By subtracting the leftover soccer balls from the original pile, we tracked down a hidden scrap of paper.

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

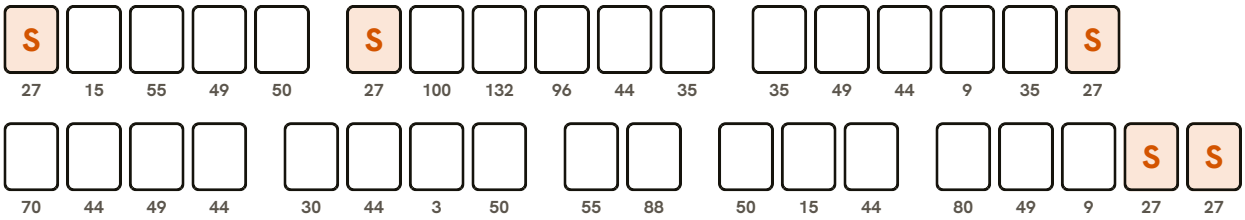
3680 - 1352 =		T	8651 - 2259 =		E	8620 - 321 =		A
8061 - 4077 =		N	8772 - 2592 =		U	6146 - 4298 =		K
5612 - 3158 =		P	6963 - 347 =		S	7353 - 805 =		L
13018 - 4595 =		D	9609 - 4910 =		H	9140 - 380 =		I
10078 - 4605 =		C	5711 - 216 =		Y	9509 - 2767 =		M
8362 - 494 =		G	4411 - 2233 =		O			

Scratch space:

CLUE 4 Multiplication facts (1-12)

> We looked at the rows of fan seats near the VIP box. By multiplying the rows by the number of seats in each row, we unlocked a locked gear locker with a clue inside.

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



9 × 3 =		S	7 × 7 =		R	10 × 10 =		P
10 × 5 =		T	4 × 11 =		E	7 × 5 =		D
12 × 11 =		I	1 × 3 =		F	11 × 5 =		O
5 × 6 =		L	8 × 10 =		G	3 × 5 =		H
11 × 8 =		N	9 × 1 =		A	10 × 7 =		W
8 × 12 =		K						

Scratch space:

CLUE 5 Division facts (1-12) - the last clue

> The soccer camp kids had to share their orange slices equally. Dividing the snacks among the teams pointed us directly to the final piece of the puzzle.

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:

50 ÷ 10 = ☐	110 ÷ 11 = ☐	49 ÷ 7 = ☐
18 ÷ 3 = ☐	12 ÷ 1 = ☐	4 ÷ 1 = ☐
45 ÷ 5 = ☐	3 ÷ 3 = ☐	48 ÷ 6 = ☐
36 ÷ 12 = ☐	18 ÷ 9 = ☐	

Step 2 - cross out the sentence with each answer:

1. The villain saves the play with a slide tackle sweep, then blasts a loud golden vuvuzela.
2. The villain shows off a lightning speed dribble, then smudges neon face paint.
3. The villain leaps for a mega gravity header, then blasts a loud golden vuvuzela.
4. The villain performs a super bicycle kick, then tips a lucky mascot hat.
5. The villain saves the play with a slide tackle sweep, then smudges neon face paint.
6. The villain leaps for a mega gravity header, then tips a lucky mascot hat.
7. The villain fires a power curve shot, then smudges neon face paint.
8. The villain performs a super bicycle kick, then blasts a loud golden vuvuzela.
9. The villain shows off a lightning speed dribble, then waves a giant foam finger.
10. The villain performs a super bicycle kick, then waves a giant foam finger.
11. The villain shows off a lightning speed dribble, then tips a lucky mascot hat.
12. The villain fires a power curve shot, then waves a giant foam finger.

TEACHER / PARENT

Answer Key

The World Cup Trophy Heist

Culprit: Cleo

lightning speed dribble · lucky mascot hat · boy player · short spiked dreads · soggy muddy pitch

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

Clue 1 (Rounding): "THE SNEAK DOES NOT HAVE GLITTER PARTY CONFETTI"

Round 46,629 to the nearest thousand = 47000 (T) · Round 5,356 to the nearest thousand = 5000 (G) · Round 244 to the nearest hundred = 200 (V) · Round 703 to the nearest hundred = 700 (H) · Round 14,001 to the nearest thousand = 14000 (C) · Round 67,290 to the nearest ten thousand = 70000 (F) · Round 29,614 to the nearest ten thousand = 30000 (S) · Round 3,140,047 to the nearest hundred thousand = 3100000 (L) · Round 454 to the nearest hundred = 500 (O) · Round 1,394 to the nearest hundred = 1400 (P) · Round 4,707 to the nearest hundred = 4700 (K) · Round 28,287 to the nearest thousand = 28000 (Y) · Round 1,369,093 to the nearest hundred thousand = 1400000 (E) · Round 67 to the nearest ten = 70 (R) · Round 2,836 to the nearest hundred = 2800 (D) · Round 54 to the nearest ten = 50 (A) · Round 736,479 to the nearest hundred thousand = 700000 (I) · Round 31,292 to the nearest thousand = 31000 (N)

Clue 2 (Addition): "THE WITNESS HEARD A LOUD BOY PLAYER SHOUTING"

1497 + 2503 = 4000 (T) · 3358 + 2828 = 6186 (I) · 1638 + 1252 = 2890 (Y) · 2239 + 2542 = 4781 (L) · 2301 + 2899 = 5200 (U) · 4560 + 3859 = 8419 (N) · 4007 + 2223 = 6230 (A) · 3348 + 5736 = 9084 (S) · 2251 + 1238 = 3489 (R) · 1488 + 1685 = 3173 (G) · 1171 + 2458 = 3629 (P) · 1262 + 2708 = 3970 (W) · 3113 + 3815 = 6928 (H) · 3429 + 1508 = 4937 (D) · 1760 + 2168 = 3928 (E) · 4219 + 3344 = 7563 (B) · 4132 + 3764 = 7896 (O)

Clue 3 (Subtraction): "THE SNEAK SLIPPED ON THE SOGGY MUDDY PITCH"

3680 - 1352 = 2328 (T) · 8651 - 2259 = 6392 (E) · 8620 - 321 = 8299 (A) · 8061 - 4077 = 3984 (N) · 8772 - 2592 = 6180 (U) · 6146 - 4298 = 1848 (K) · 5612 - 3158 = 2454 (P) · 6963 - 347 = 6616 (S) · 7353 - 805 = 6548 (L) · 13018 - 4595 = 8423 (D) · 9609 - 4910 = 4699 (H) · 9140 - 380 = 8760 (I) · 10078 - 4605 = 5473 (C) · 5711 - 216 = 5495 (Y) · 9509 - 2767 = 6742 (M) · 8362 - 494 = 7868 (G) · 4411 - 2233 = 2178 (O)

Clue 4 (Multiplication facts (1-12)): "SHORT SPIKED DREADS WERE LEFT ON THE GRASS"

9 × 3 = 27 (S) · 7 × 7 = 49 (R) · 10 × 10 = 100 (P) · 10 × 5 = 50 (T) · 4 × 11 = 44 (E) · 7 × 5 = 35 (D) · 12 × 11 = 132 (I) · 1 × 3 = 3 (F) · 11 × 5 = 55 (O) · 5 × 6 = 30 (L) · 8 × 10 = 80 (G) · 3 × 5 = 15 (H) · 11 × 8 = 88 (N) · 9 × 1 = 9 (A) · 10 × 7 = 70 (W) · 8 × 12 = 96 (K)

Clue 5 (Division facts (1-12)): surviving statement is box 11 → Cleo

50 ÷ 10 = 5 · 110 ÷ 11 = 10 · 49 ÷ 7 = 7 · 18 ÷ 3 = 6 · 12 ÷ 1 = 12 · 4 ÷ 1 = 4 · 45 ÷ 5 = 9 · 3 ÷ 3 = 1 · 48 ÷ 6 = 8 · 36 ÷ 12 = 3 · 18 ÷ 9 = 2