



The Safari Super Cup Heist

Grade 5 math · Multiplication, Fractions of a number, Order of operations, Rounding, Division · Reading level grades 5-6

Detective: _____ Date: _____

The legendary Tusks & Cleats Cup has vanished right before the championship kick-off at the Savanna Super Arena! A sneaky mascot swapped the gold trophy with a fake foam replica. Detective Inspector Hippo needs your help analyzing pitch clues to unmask the guilty player before the final whistle sounds.

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 Trophy Swapper is _____

Possible suspects

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

NAME	SOCCER MOVE	ANIMAL ABILITY	DOMINANT HAND	HEADGEAR	WEAKNESS
Antoine Griezmann	Mega Kick	Hippo Roar	Right Handed	Blue Bandana	Bright Spotlights
Sam Kerr	Rocket Sprint	Trunk Blast	Right Handed	Golden Helmet	Bright Spotlights
Marcus Rashford	Mega Kick	Walrus Slide	Left Handed	Green Headband	Slippery Mud
Luka Modric	Super Header	Trunk Blast	Right Handed	Golden Helmet	Loud Whistles
Cristiano Ronaldo	Bicycle Kick	Tail Flick	Right Handed	Green Headband	Loud Whistles
Christian Pulisic	Bicycle Kick	Tusk Tackle	Right Handed	Green Headband	Bright Spotlights
Wally Walrus	Fast Dribble	Tusk Tackle	Right Handed	Blue Bandana	Bright Spotlights
Pedri	Bicycle Kick	Tail Flick	Right Handed	Blue Bandana	Bright Spotlights
Harry Hippo	Mega Kick	Tusk Tackle	Right Handed	Blue Bandana	Slippery Mud
Virgil van Dijk	Rocket Sprint	Tusk Tackle	Left Handed	Golden Helmet	Slippery Mud
Neymar Jr	Mega Kick	Walrus Slide	Left Handed	Green Headband	Bright Spotlights
Robert Lewandowski	Super Header	Tail Flick	Left Handed	Green Headband	Slippery Mud
Bruno Fernandes	Super Header	Hippo Roar	Right Handed	Golden Helmet	Loud Whistles
Vinicius Jr	Mega Kick	Tail Flick	Right Handed	Green Headband	Bright Spotlights
Son Heungmin	Bicycle Kick	Trunk Blast	Right Handed	Golden Helmet	Bright Spotlights
Jude Bellingham	Fast Dribble	Walrus Slide	Left Handed	Blue Bandana	Slippery Mud
Alex Morgan	Rocket Sprint	Trunk Blast	Left Handed	Blue Bandana	Bright Spotlights
Erling Haaland	Rocket Sprint	Tusk Tackle	Right Handed	Blue Bandana	Bright Spotlights
Bukayo Saka	Mega Kick	Tail Flick	Right Handed	Green Headband	Loud Whistles
Kylian Mbappe	Mega Kick	Walrus Slide	Right Handed	Green Headband	Bright Spotlights
Mohamed Salah	Bicycle Kick	Hippo Roar	Right Handed	Blue Bandana	Bright Spotlights

Multiplication facts (1-12)

To unlock the stadium equipment room, the detective counts complete sets of match equipment arranged in equal rows.

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

A number line from 0 to 120. The numbers are written in boxes below the line. The tens digit is written in a box labeled 'T' above the line.

Number	Tens Digit (T)
120	2
96	9
9	0
99	9
1	0
4	0
4	0
66	6
1	0
22	2
121	2
110	1
9	0
88	8
22	2
110	1
120	2
100	0
88	8
9	0
120	2
66	6
1	0
4	0
40	4
4	0
1	0
42	4
27	2

$$12 \times 10 = \boxed{} \rightarrow \boxed{\text{T}}$$

$1 \times 4 = \boxed{} \rightarrow \boxed{\text{L}}$

$$11 \times 8 = \boxed{} \rightarrow \boxed{\text{S}}$$

$8 \times 12 = \boxed{} \rightarrow \boxed{\text{H}}$

$$11 \times 10 = \boxed{} \rightarrow \boxed{0}$$

$7 \times 6 = \boxed{} \rightarrow \boxed{\text{C}}$

$$11 \times 9 = \boxed{} \rightarrow \boxed{\mathbf{V}}$$

$$9 \times 1 = \boxed{} \rightarrow \boxed{\mathbf{E}}$$

$$1 \times 1 = \boxed{} \rightarrow \begin{bmatrix} 1 \end{bmatrix}$$

$10 \times 4 = \boxed{} \rightarrow \boxed{\text{F}}$

$$11 \times 2 = \boxed{} \rightarrow \boxed{\text{N}}$$

$6 \times 11 = \boxed{} \rightarrow \boxed{\text{A}}$

$10 \times 10 = \boxed{} \rightarrow \boxed{\text{U}}$

$11 \times 11 = \boxed{} \rightarrow \boxed{\text{D}}$

$9 \times 3 = \boxed{} \rightarrow \boxed{\text{K}}$

Scratch space:

CLUE 2
Fractions of a number

The turf manager notes that only a fraction of the stadium floodlights were powered on when the villain fled.

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

W									W						
25	40	27	11	26	16	16	16	13	25	13	36	40	5	12	27

12	13	11	18	26	18	32	8	13	10	26	36

$1/3 \text{ of } 75 = \square \rightarrow \boxed{\text{W}}$

$3/4 \text{ of } 16 = \square \rightarrow \boxed{\text{H}}$

$2/8 \text{ of } 160 = \square \rightarrow \boxed{\text{I}}$

$2/3 \text{ of } 15 = \square \rightarrow \boxed{\text{Y}}$

$2/4 \text{ of } 10 = \square \rightarrow \boxed{\text{G}}$

$1/2 \text{ of } 22 = \square \rightarrow \boxed{\text{N}}$

$3/8 \text{ of } 48 = \square \rightarrow \boxed{\text{D}}$

$1/2 \text{ of } 64 = \square \rightarrow \boxed{\text{P}}$

$2/6 \text{ of } 39 = \square \rightarrow \boxed{\text{A}}$

$4/5 \text{ of } 45 = \square \rightarrow \boxed{\text{R}}$

$5/10 \text{ of } 32 = \square \rightarrow \boxed{\text{S}}$

$2/3 \text{ of } 39 = \square \rightarrow \boxed{\text{E}}$

$2/6 \text{ of } 81 = \square \rightarrow \boxed{\text{T}}$

$2/6 \text{ of } 24 = \square \rightarrow \boxed{\text{L}}$

Scratch space:

CLUE 3

Order of operations

A board in the tactical room lists multi-step training drills that must be evaluated following exact order of operations.

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

B															
9	8	65	28	42	12	53	31	35	12	80	65	28	42	12	53

B										
9	80	65	23	43	22	43	12	42	22	29

$2 \times 6 - 3 = \square \rightarrow \text{B}$

$52 + 4 \times 7 = \square \rightarrow \text{L}$

$7 \times 7 - 27 = \square \rightarrow \text{E}$

$5 \times 11 - 20 = \square \rightarrow \text{O}$

$32 + 7 \times 3 = \square \rightarrow \text{S}$

$2 + 2 \times 3 = \square \rightarrow \text{R}$

$24 + 6 \times 3 = \square \rightarrow \text{H}$

$5 \times 11 - 12 = \square \rightarrow \text{D}$

$30 + 7 \times 5 = \square \rightarrow \text{I}$

$23 + 3 \times 2 = \square \rightarrow \text{M}$

$3 + 7 \times 4 = \square \rightarrow \text{P}$

$6 \times 6 - 24 = \square \rightarrow \text{T}$

$3 \times 10 - 2 = \square \rightarrow \text{G}$

$7 + 8 \times 2 = \square \rightarrow \text{N}$

Scratch space:

CLUE 4
Rounding

The stadium entrance screen shows total spectator attendance figures rounded to the nearest thousand.

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

T																		
90	7000	50	3700	2900	2000	2300	70	50	110	2900	30	370	5000	290	9000	2000	30	50

9000	290	370	5000	290	370	290

Round 92 to the nearest ten → **T**

Round 293 to the nearest ten → **A**

Round 109 to the nearest ten → **F**

Round 2,927 to the nearest hundred → **O**

Round 2,053 to the nearest thousand → **L**

Round 5,333 to the nearest thousand → **D**

Round 370 to the nearest ten → **N**

Round 68 to the nearest ten → **C**

Round 3,728 to the nearest hundred → **P**

Round 53 to the nearest ten → **E**

Round 30 to the nearest ten → **U**

Round 8,846 to the nearest thousand → **B**

Round 6,531 to the nearest thousand → **H**

Round 2,306 to the nearest hundred → **I**

Scratch space:

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

To review all angle recordings, the security team divides the match video feeds equally among display screens.

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:

$30 \div 3 = \boxed{}$

$48 \div 12 = \boxed{}$

$6 \div 3 = \boxed{}$

$20 \div 4 = \boxed{}$

$33 \div 3 = \boxed{}$

$63 \div 9 = \boxed{}$

$72 \div 8 = \boxed{}$

$8 \div 8 = \boxed{}$

$64 \div 8 = \boxed{}$

$6 \div 1 = \boxed{}$

$120 \div 10 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain headed the ball over the wall, then unleashed a loud hippo roar.
2. The villain kicked the ball across the pitch, then unleashed a loud hippo roar.
3. The villain dribbled past the defence, then used tusk tackle on the goalie.
4. The villain scored with a bicycle kick, then unleashed a loud hippo roar.
5. The villain sprinted down the sideline, then blasted water with a trunk blast.
6. The villain dribbled past the defence, then blasted water with a trunk blast.
7. The villain sprinted down the sideline, then flicked their tail at the ball.
8. The villain headed the ball over the wall, then used tusk tackle on the goalie.
9. The villain headed the ball over the wall, then flicked their tail at the ball.
10. The villain sprinted down the sideline, then used tusk tackle on the goalie.
11. The villain kicked the ball across the pitch, then blasted water with a trunk blast.
12. The villain kicked the ball across the pitch, then performed a smooth walrus slide.

Answer Key

The Safari Super Cup Heist

Culprit: Wally Walrus

Fast Dribble · Tusk Tackle · Right Handed · Blue Bandana · Bright Spotlights

Trail: Start 21 → Clue 1 16 → Clue 2 11 → Clue 3 8 → Clue 4 4 → Clue 5 1

Clue 1 (Multiplication facts (1-12)): "THE VILLAIN DOES NOT USE TAIL FLICK"

$12 \times 10 = 120$ (T) · $1 \times 4 = 4$ (L) · $11 \times 8 = 88$ (S) · $8 \times 12 = 96$ (H) · $11 \times 10 = 110$ (O) · $7 \times 6 = 42$ (C) · $11 \times 9 = 99$ (V) · $9 \times 1 = 9$ (E) · $1 \times 1 = 1$ (I) · $10 \times 4 = 40$ (F) · $11 \times 2 = 22$ (N) · $6 \times 11 = 66$ (A) · $10 \times 10 = 100$ (U) · $11 \times 11 = 121$ (D) · $9 \times 3 = 27$ (K)

Clue 2 (Fractions of a number): "WITNESS SAW A RIGHT HANDED PLAYER"

$\frac{1}{3}$ of 75 = 25 (W) · $\frac{3}{4}$ of 16 = 12 (H) · $\frac{2}{8}$ of 160 = 40 (I) · $\frac{2}{3}$ of 15 = 10 (Y) · $\frac{2}{4}$ of 10 = 5 (G) · $\frac{1}{2}$ of 22 = 11 (N) · $\frac{3}{8}$ of 48 = 18 (D) · $\frac{1}{2}$ of 64 = 32 (P) · $\frac{2}{6}$ of 39 = 13 (A) · $\frac{4}{5}$ of 45 = 36 (R) · $\frac{5}{10}$ of 32 = 16 (S) · $\frac{2}{3}$ of 39 = 26 (E) · $\frac{2}{6}$ of 81 = 27 (T) · $\frac{2}{6}$ of 24 = 8 (L)

Clue 3 (Order of operations): "BRIGHT SPOTLIGHTS BLINDED THEM"

$2 \times 6 - 3 = 9$ (B) · $52 + 4 \times 7 = 80$ (L) · $7 \times 7 - 27 = 22$ (E) · $5 \times 11 - 20 = 35$ (O) · $32 + 7 \times 3 = 53$ (S) · $2 + 2 \times 3 = 8$ (R) · $24 + 6 \times 3 = 42$ (H) · $5 \times 11 - 12 = 43$ (D) · $30 + 7 \times 5 = 65$ (I) · $23 + 3 \times 2 = 29$ (M) · $3 + 7 \times 4 = 31$ (P) · $6 \times 6 - 24 = 12$ (T) · $3 \times 10 - 2 = 28$ (G) · $7 + 8 \times 2 = 23$ (N)

Clue 4 (Rounding): "THE POLICE FOUND A BLUE BANDANA"

Round 92 to the nearest ten = 90 (T) · Round 293 to the nearest ten = 290 (A) · Round 109 to the nearest ten = 110 (F) · Round 2,927 to the nearest hundred = 2900 (O) · Round 2,053 to the nearest thousand = 2000 (L) · Round 5,333 to the nearest thousand = 5000 (D) · Round 370 to the nearest ten = 370 (N) · Round 68 to the nearest ten = 70 (C) · Round 3,728 to the nearest hundred = 3700 (P) · Round 53 to the nearest ten = 50 (E) · Round 30 to the nearest ten = 30 (U) · Round 8,846 to the nearest thousand = 9000 (B) · Round 6,531 to the nearest thousand = 7000 (H) · Round 2,306 to the nearest hundred = 2300 (I)

Clue 5 (Division facts (1-12)): surviving statement is box 3 → Wally Walrus

$30 \div 3 = 10$ · $48 \div 12 = 4$ · $6 \div 3 = 2$ · $20 \div 4 = 5$ · $33 \div 3 = 11$ · $63 \div 9 = 7$ · $72 \div 8 = 9$ · $8 \div 8 = 1$ · $64 \div 8 = 8$ · $6 \div 1 = 6$ · $120 \div 10 = 12$