



The Golden Shekel Stadium Heist

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

Detective: _____ **Date:** _____

During the final match of the World Animal League, a mysterious rogue striker snatched the Golden Shekel Trophy right off the center spot! The referee team must decode the clues left behind on the field to unmask the culprit before the trophy leaves the stadium.

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 Rogue Striker is _____

Possible suspects

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

NAME	MANEUVER	MASCOT COMPANION	KICKING FOOT	JERSEY COLOR	DISTRACTION
Alphonso Davies	Speed Sprint	Hippo Shield	Right Footed	Teal Jersey	Yellow Card
Sadio Mane	Speed Sprint	Walrus Defender	Right Footed	Silver Jersey	Loud Vuvuzela
Antoine Griezmann	Bicycle Kick	Tardigrade Armor	Right Footed	Teal Jersey	Whistle Blast
Marcus Rashford	Bicycle Kick	Tardigrade Armor	Left Footed	Silver Jersey	Whistle Blast
Christian Pulisic	Micro Dodge	Cheetah Runner	Left Footed	Teal Jersey	Yellow Card
Federico Valverde	Sonic Roar	Myxobolus Swarm	Left Footed	Silver Jersey	Yellow Card
Jude Bellingham	Micro Dodge	Tardigrade Armor	Right Footed	Teal Jersey	Yellow Card
Son Heungmin	Sonic Roar	Myxobolus Swarm	Left Footed	Teal Jersey	Whistle Blast
Harry Kane	Bicycle Kick	Myxobolus Swarm	Left Footed	Teal Jersey	Yellow Card
Luka Modric	Speed Sprint	Walrus Defender	Right Footed	Teal Jersey	Whistle Blast
Neymar Jr	Bicycle Kick	Walrus Defender	Left Footed	Silver Jersey	Yellow Card
Kevin De Bruyne	Sonic Roar	Myxobolus Swarm	Left Footed	Teal Jersey	Yellow Card
Bukayo Saka	Bicycle Kick	Walrus Defender	Right Footed	Silver Jersey	Loud Vuvuzela
Mohamed Salah	Micro Dodge	Tardigrade Armor	Left Footed	Gold Jersey	Yellow Card
Pedri	Tusk Tackle	Tardigrade Armor	Right Footed	Silver Jersey	Whistle Blast
Vinicius Jr	Bicycle Kick	Walrus Defender	Left Footed	Teal Jersey	Whistle Blast
Rodri	Speed Sprint	Myxobolus Swarm	Right Footed	Gold Jersey	Loud Vuvuzela
Robert Lewandowski	Bicycle Kick	Walrus Defender	Left Footed	Teal Jersey	Loud Vuvuzela
Kylian Mbappe	Micro Dodge	Hippo Shield	Left Footed	Teal Jersey	Yellow Card
Bruno Fernandes	Bicycle Kick	Hippo Shield	Left Footed	Teal Jersey	Yellow Card
Cristiano Ronaldo	Speed Sprint	Hippo Shield	Right Footed	Silver Jersey	Loud Vuvuzela

CLUE 1

Multiplication facts (1-12)

To scan the field grids for dropped cleats, Coach Hippo calculated total items arranged in equal training rows.

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

T																T
40	24	1	27	70	77	77	42	70	6	28	18	1	144	6	18	40
96	144	1	55	24	1	1	40	42	24	20	96	6	6	1	20	

$10 \times 4 = \square \rightarrow \boxed{\text{T}}$

$10 \times 7 = \square \rightarrow \boxed{\text{I}}$

$9 \times 3 = \square \rightarrow \boxed{\text{V}}$

$11 \times 7 = \square \rightarrow \boxed{\text{L}}$

$3 \times 6 = \square \rightarrow \boxed{\text{O}}$

$12 \times 12 = \square \rightarrow \boxed{\text{S}}$

$8 \times 3 = \square \rightarrow \boxed{\text{H}}$

$12 \times 8 = \square \rightarrow \boxed{\text{U}}$

$4 \times 7 = \square \rightarrow \boxed{\text{D}}$

$6 \times 1 = \square \rightarrow \boxed{\text{N}}$

$1 \times 1 = \square \rightarrow \boxed{\text{E}}$

$4 \times 5 = \square \rightarrow \boxed{\text{R}}$

$6 \times 7 = \square \rightarrow \boxed{\text{A}}$

$5 \times 11 = \square \rightarrow \boxed{\text{C}}$

Scratch space:

CLUE 2 Fractions of a number

The referee checked locker room passes by finding the exact fractional share of players wearing custom shin guards.

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

Diagram illustrating a sequence of numbers in boxes, with some boxes highlighted in orange and labeled 'T'.

Row 1 (Top):

- Box 1: 32 (Orange, T)
- Box 2: 9
- Box 3: 27
- Box 4: 21
- Box 5: 22
- Box 6: 21
- Box 7: 34
- Box 8: 27
- Box 9: 16
- Box 10: 32 (Orange, T)
- Box 11: 5
- Box 12: 10
- Box 13: 16
- Box 14: 5
- Box 15: 21
- Box 16: 30
- Box 17: 10
- Box 18: 32 (Orange, T)
- Box 19: 9

Row 2 (Bottom):

- Box 1: 32 (Orange, T)
- Box 2: 9
- Box 3: 27
- Box 4: 37
- Box 5: 27
- Box 6: 29
- Box 7: 32 (Orange, T)
- Box 8: 29
- Box 9: 28
- Box 10: 28
- Box 11: 32 (Orange, T)

4/10 of 80 = → **T**

$\frac{1}{5}$ of 145 = $\rightarrow$ **F**

5/8 of 16 = →

$1/2$ of 32 = $\rightarrow$ **C**

$2/5$ of 70 = $\rightarrow$

$\frac{1}{3}$ of 15 = $\rightarrow$ **K**

$$\frac{1}{3} \text{ of } 81 = \boxed{} \rightarrow \boxed{\text{E}}$$

$$\frac{1}{6} \text{ of } 180 = \boxed{} \rightarrow \boxed{\mathbf{W}}$$

$$2/4 \text{ of } 74 = \boxed{} \rightarrow \boxed{\text{L}}$$

$\frac{1}{4}$ of 88 = $\rightarrow$ **U**

$$2/8 \text{ of } 84 = \boxed{} \rightarrow \boxed{\text{S}}$$

$$6/8 \text{ of } 12 = \boxed{} \rightarrow \boxed{\text{H}}$$

$$\frac{1}{2} \text{ of } 68 = \boxed{} \rightarrow \boxed{\text{P}}$$

Scratch space:

CLUE 3
Order of operations

Unlocking the stadium security door required calculating the security keypad formula using the correct step sequence.

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

T																			
61	9	12	13	18	72	72	22	18	53	30	22	7	7	61	74	55	55	12	36
48	27	22	27	12	72	72	74	30	69	22	47	36							

$8 \times 8 - 3 = \square \rightarrow \text{T}$

$35 + 6 \times 2 = \square \rightarrow \text{R}$

$5 \times 6 - 12 = \square \rightarrow \text{I}$

$9 + 2 \times 2 = \square \rightarrow \text{V}$

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

$3 \times 9 - 5 = \square \rightarrow \text{A}$

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

$11 \times 6 - 18 = \square \rightarrow \text{B}$

$11 + 9 \times 7 = \square \rightarrow \text{O}$

$12 \times 7 - 15 = \square \rightarrow \text{C}$

$11 \times 9 - 27 = \square \rightarrow \text{L}$

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

$5 + 2 \times 2 = \square \rightarrow \text{H}$

$37 + 4 \times 4 = \square \rightarrow \text{N}$

$6 + 5 \times 6 = \square \rightarrow \text{D}$

$35 + 4 \times 5 = \square \rightarrow \text{P}$

$7 \times 5 - 5 = \square \rightarrow \text{W}$

Scratch space:

CLUE 4

Rounding

The arena radar sensor recorded the runner speed, but the electronic board display rounded the measurement.

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

T																	
170	700	3000	900	2300	300	300	20	2300	3700	30	90	500	1300	1300	3000	30	20

T										T							
170	3000	20	300	130	3000	90	50	3000	70	170	700	90	3000	20	30		

Round 169 to the nearest ten → **T**

Round 697 to the nearest hundred → **H**

Round 314 to the nearest hundred → **L**

Round 453 to the nearest hundred → **O**

Round 3,654 to the nearest hundred → **N**

Round 916 to the nearest hundred → **V**

Round 20 to the nearest ten → **A**

Round 87 to the nearest ten → **R**

Round 2,284 to the nearest hundred → **I**

Round 134 to the nearest ten → **J**

Round 30 to the nearest ten → **D**

Round 67 to the nearest ten → **Y**

Round 2,674 to the nearest thousand → **E**

Round 1,344 to the nearest hundred → **P**

Round 47 to the nearest ten → **S**

Scratch space:

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

Coach Hippo split the recovered stadium passes equally among the referee crews to inspect every exit gate.

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:

$10 \div 10 = \square$

$14 \div 7 = \square$

$42 \div 7 = \square$

$36 \div 4 = \square$

$40 \div 4 = \square$

$25 \div 5 = \square$

$28 \div 7 = \square$

$40 \div 5 = \square$

$22 \div 2 = \square$

$144 \div 12 = \square$

$21 \div 7 = \square$

Step 2 - cross out the sentence with each answer:

1. The villain used a swift micro dodge, then summoned the hippo shield.
2. The villain unleashed a mighty sonic roar, then released the myxobolus swarm.
3. The villain used a swift micro dodge, then released the myxobolus swarm.
4. The villain unleashed a mighty sonic roar, then activated the cheetah runner.
5. The villain charged in with a tusk tackle, then summoned the hippo shield.
6. The villain performed a sharp bicycle kick, then released the myxobolus swarm.
7. The villain performed a sharp bicycle kick, then summoned the hippo shield.
8. The villain performed a sharp bicycle kick, then equipped the tardigrade armor.
9. The villain unleashed a mighty sonic roar, then summoned the hippo shield.
10. The villain executed a sudden speed sprint, then called up the walrus defender.
11. The villain unleashed a mighty sonic roar, then equipped the tardigrade armor.
12. The villain executed a sudden speed sprint, then equipped the tardigrade armor.

Answer Key

The Golden Shekel Stadium Heist

Culprit: Bruno Fernandes

Bicycle Kick · Hippo Shield · Left Footed · Teal Jersey · Yellow Card

Trail: Start 21 → Clue 1 20 → Clue 2 11 → Clue 3 7 → Clue 4 4 → Clue 5 1

Clue 1 (Multiplication facts (1-12)): "THE VILLAIN DOES NOT USE CHEETAH RUNNER"

$10 \times 4 = 40$ (T) · $10 \times 7 = 70$ (I) · $9 \times 3 = 27$ (V) · $11 \times 7 = 77$ (L) · $3 \times 6 = 18$ (O) · $12 \times 12 = 144$ (S) · $8 \times 3 = 24$ (H) · $12 \times 8 = 96$ (U) · $4 \times 7 = 28$ (D) · $6 \times 1 = 6$ (N) · $1 \times 1 = 1$ (E) · $4 \times 5 = 20$ (R) · $6 \times 7 = 42$ (A) · $5 \times 11 = 55$ (C)

Clue 2 (Fractions of a number): "THE SUSPECT KICKS WITH THE LEFT FOOT"

$4/10$ of 80 = 32 (T) · $1/5$ of 145 = 29 (F) · $5/8$ of 16 = 10 (I) · $1/2$ of 32 = 16 (C) · $2/5$ of 70 = 28 (O) · $1/3$ of 15 = 5 (K) · $1/3$ of 81 = 27 (E) · $1/6$ of 180 = 30 (W) · $2/4$ of 74 = 37 (L) · $1/4$ of 88 = 22 (U) · $2/8$ of 84 = 21 (S) · $6/8$ of 12 = 9 (H) · $1/2$ of 68 = 34 (P)

Clue 3 (Order of operations): "THE VILLAIN WAS STOPPED BY A YELLOW CARD"

$8 \times 8 - 3 = 61$ (T) · $35 + 6 \times 2 = 47$ (R) · $5 \times 6 - 12 = 18$ (I) · $9 + 2 \times 2 = 13$ (V) · $3 + 2 \times 2 = 7$ (S) · $3 \times 9 - 5 = 22$ (A) · $10 \times 3 - 3 = 27$ (Y) · $11 \times 6 - 18 = 48$ (B) · $11 + 9 \times 7 = 74$ (O) · $12 \times 7 - 15 = 69$ (C) · $11 \times 9 - 27 = 72$ (L) · $6 \times 3 - 6 = 12$ (E) · $5 + 2 \times 2 = 9$ (H) · $37 + 4 \times 4 = 53$ (N) · $6 + 5 \times 6 = 36$ (D) · $35 + 4 \times 5 = 55$ (P) · $7 \times 5 - 5 = 30$ (W)

Clue 4 (Rounding): "THE VILLAIN DROPPED A TEAL JERSEY THREAD"

Round 169 to the nearest ten = 170 (T) · Round 697 to the nearest hundred = 700 (H) · Round 314 to the nearest hundred = 300 (L) · Round 453 to the nearest hundred = 500 (O) · Round 3,654 to the nearest hundred = 3700 (N) · Round 916 to the nearest hundred = 900 (V) · Round 20 to the nearest ten = 20 (A) · Round 87 to the nearest ten = 90 (R) · Round 2,284 to the nearest hundred = 2300 (I) · Round 134 to the nearest ten = 130 (J) · Round 30 to the nearest ten = 30 (D) · Round 67 to the nearest ten = 70 (Y) · Round 2,674 to the nearest thousand = 3000 (E) · Round 1,344 to the nearest hundred = 1300 (P) · Round 47 to the nearest ten = 50 (S)

Clue 5 (Division facts (1-12)): surviving statement is box 7 → Bruno Fernandes

$10 \div 10 = 1$ · $14 \div 7 = 2$ · $42 \div 7 = 6$ · $36 \div 4 = 9$ · $40 \div 4 = 10$ · $25 \div 5 = 5$ · $28 \div 7 = 4$ · $40 \div 5 = 8$ · $22 \div 2 = 11$ · $144 \div 12 = 12$ · $21 \div 7 = 3$