



The Case of the Missing Championship Trophy

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

Detective: _____ Date: _____

The big game is about to start, but someone locked up the Golden Championship Trophy and hid the keys! The Phantom Striker left muddy cleat prints all over the clean locker room floor. We must solve the clues to find the culprit!

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 the Phantom Striker 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	LUCKY GEAR	SHOOTING FOOT	HAIR COLOR	WEAKNESS
Antoine Griezmann	Mega Header	Lucky Captain Armband	Right Footed	Brown Hair	Loud Whistles
Mo Salah	Rocket Power Shot	Striped Socks	Right Footed	Black Hair	Soggy Grass
Phil Foden	Rocket Power Shot	Golden Shin Guards	Right Footed	Blonde Hair	Bright Spotlights
Jack Grealish	Rocket Power Shot	Golden Shin Guards	Left Footed	Blonde Hair	Bright Spotlights
Lionel Messi	Super Bicycle Kick	Lucky Captain Armband	Left Footed	Black Hair	Loud Whistles
Erling Haaland	Mega Header	Neon Cleats	Left Footed	Brown Hair	Loud Whistles
Alex Morgan	Rocket Power Shot	Lucky Captain Armband	Left Footed	Brown Hair	Loud Whistles
Luis Diaz	Super Bicycle Kick	Striped Socks	Right Footed	Black Hair	Bright Spotlights
Bruno Fernandes	Mega Header	Spiky Goalie Gloves	Left Footed	Brown Hair	Bright Spotlights
Luka Modric	Super Bicycle Kick	Lucky Captain Armband	Left Footed	Blonde Hair	Soggy Grass
Alisson Becker	Rocket Power Shot	Neon Cleats	Left Footed	Blonde Hair	Bright Spotlights
Virgil van Dijk	Mega Header	Spiky Goalie Gloves	Right Footed	Black Hair	Bright Spotlights
Christian Pulisic	Curving Free Kick	Striped Socks	Left Footed	Brown Hair	Loud Whistles
Bukayo Saka	Rocket Power Shot	Golden Shin Guards	Left Footed	Brown Hair	Bright Spotlights
Jude Bellingham	Curving Free Kick	Spiky Goalie Gloves	Left Footed	Black Hair	Soggy Grass
Kevin De Bruyne	Rocket Power Shot	Neon Cleats	Left Footed	Brown Hair	Loud Whistles
Neymar Jr	Lightning Dribble	Golden Shin Guards	Left Footed	Black Hair	Loud Whistles
Megan Rapinoe	Rocket Power Shot	Neon Cleats	Right Footed	Blonde Hair	Soggy Grass
Cristiano Ronaldo	Lightning Dribble	Golden Shin Guards	Right Footed	Brown Hair	Loud Whistles
Harry Kane	Lightning Dribble	Golden Shin Guards	Right Footed	Black Hair	Soggy Grass
Marcus Rashford	Mega Header	Lucky Captain Armband	Left Footed	Brown Hair	Loud Whistles

CLUE 1
Multiplication facts (1-12)

Coach Ramirez is setting out practice cones in a grid. There are equal rows of cones on the field. Multiply them to find the total and unlock the first clue!

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

T								T										T
36	88	44	100	88	27	32	36	24	42	54	24	44	28	32	24	36		
49	44	27	96	28	36	96	72	100	44	54	28	24	20	120	28			

$4 \times 9 = \square \rightarrow$ T	$4 \times 8 = \square \rightarrow$ N	$7 \times 4 = \square \rightarrow$ S
$10 \times 12 = \square \rightarrow$ K	$11 \times 8 = \square \rightarrow$ H	$7 \times 7 = \square \rightarrow$ W
$5 \times 4 = \square \rightarrow$ C	$8 \times 9 = \square \rightarrow$ I	$8 \times 12 = \square \rightarrow$ R
$10 \times 10 = \square \rightarrow$ P	$9 \times 6 = \square \rightarrow$ D	$4 \times 6 = \square \rightarrow$ O
$6 \times 7 = \square \rightarrow$ M	$4 \times 11 = \square \rightarrow$ E	$9 \times 3 = \square \rightarrow$ A

Scratch space:

CLUE 2 Rounding

The stadium scoreboard is broken and only shows estimated numbers! Round the home team score to the nearest ten to see what the screen is trying to say.

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

T			T												T
400	50	90	400	80	200	6000	300	50	700	3000	300	2000	90	6000	400

			T									
6000	700	700	400	600	800	7000	600	40	60	200	600	300

Round 383 to the nearest hundred → **T**

Round 6,539 to the nearest thousand → **C**

Round 53 to the nearest ten → **H**

Round 5,818 to the nearest thousand → **F**

Round 313 to the nearest hundred → **S**

Round 57 to the nearest ten → **A**

Round 838 to the nearest hundred → **I**

Round 566 to the nearest hundred → **K**

Round 676 to the nearest hundred → **O**

Round 2,626 to the nearest thousand → **W**

Round 82 to the nearest ten → **U**

Round 36 to the nearest ten → **M**

Round 1,775 to the nearest thousand → **L**

Round 180 to the nearest hundred → **R**

Round 91 to the nearest ten → **E**

Scratch space:

CLUE 3 Addition

The team is packing soccer balls into the gear bag. Tally up the white balls and the black balls to find the sum and reveal the next piece of evidence.

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

T															
350	526	665	709	454	665	554	507	827	711	410	554	827	665	805	
								T						T	
927	810	896	665	805	665	829	554	350	554	896	526	981	709	350	410

$178 + 172 = \square \rightarrow$ T	$375 + 606 = \square \rightarrow$ I	$301 + 626 = \square \rightarrow$ C
$362 + 443 = \square \rightarrow$ R	$166 + 244 = \square \rightarrow$ L	$572 + 257 = \square \rightarrow$ D
$324 + 183 = \square \rightarrow$ K	$218 + 308 = \square \rightarrow$ H	$386 + 510 = \square \rightarrow$ W
$201 + 353 = \square \rightarrow$ A	$157 + 297 = \square \rightarrow$ N	$475 + 234 = \square \rightarrow$ S
$257 + 454 = \square \rightarrow$ P	$308 + 357 = \square \rightarrow$ E	$523 + 287 = \square \rightarrow$ O
$339 + 488 = \square \rightarrow$ Y		

Scratch space:

CLUE 4 Subtraction

There were plenty of fresh orange slices for halftime, but some hungry players already took some. Subtract the eaten slices to find how many are left.

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

T					T			T										
565	805	829	883	829	565	829	371	565	773	724	829	706	414	201	167	883	354	
	T																	
820	565	774	354	167	883	414	706	462	774	414	151	167	805	354	773	774		

$922 - 357 = \square \rightarrow$ T	$449 - 95 = \square \rightarrow$ A	$212 - 45 = \square \rightarrow$ N
$523 - 322 = \square \rightarrow$ U	$821 - 97 = \square \rightarrow$ V	$1168 - 339 = \square \rightarrow$ E
$1104 - 330 = \square \rightarrow$ R	$815 - 109 = \square \rightarrow$ F	$1083 - 278 = \square \rightarrow$ H
$1093 - 320 = \square \rightarrow$ I	$641 - 227 = \square \rightarrow$ O	$265 - 114 = \square \rightarrow$ W
$424 - 53 = \square \rightarrow$ C	$943 - 60 = \square \rightarrow$ D	$961 - 141 = \square \rightarrow$ S
$572 - 110 = \square \rightarrow$ B		

Scratch space:

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

We need to split the training pinnies equally among the drill groups. Divide the total pinnies by the number of players to get the final clue!

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:

$33 \div 3 = \boxed{}$

$40 \div 8 = \boxed{}$

$18 \div 9 = \boxed{}$

$7 \div 7 = \boxed{}$

$49 \div 7 = \boxed{}$

$27 \div 3 = \boxed{}$

$36 \div 9 = \boxed{}$

$132 \div 11 = \boxed{}$

$80 \div 8 = \boxed{}$

$24 \div 4 = \boxed{}$

$48 \div 6 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain unleashed a rocket power shot, then adjusted their spiky goalie gloves.
2. The villain scored a mega header, then shined their neon cleats.
3. The villain scored a mega header, then snapped their lucky captain armband.
4. The villain performed a lightning dribble, then shined their neon cleats.
5. The villain unleashed a rocket power shot, then snapped their lucky captain armband.
6. The villain performed a lightning dribble, then polished their golden shin guards.
7. The villain shot a curving free kick, then polished their golden shin guards.
8. The villain did a super bicycle kick, then pulled up their striped socks.
9. The villain shot a curving free kick, then snapped their lucky captain armband.
10. The villain scored a mega header, then adjusted their spiky goalie gloves.
11. The villain unleashed a rocket power shot, then shined their neon cleats.
12. The villain unleashed a rocket power shot, then polished their golden shin guards.

Answer Key

The Case of the Missing Championship Trophy

Culprit: Marcus Rashford

Mega Header · Lucky Captain Armband · Left Footed · Brown Hair · Loud Whistles

Trail: Start 21 → Clue 1 18 → Clue 2 12 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Multiplication facts (1-12)): "THE PHANTOM DOES NOT WEAR STRIPED SOCKS"

$4 \times 9 = 36$ (T) · $4 \times 8 = 32$ (N) · $7 \times 4 = 28$ (S) · $10 \times 12 = 120$ (K) · $11 \times 8 = 88$ (H) · $7 \times 7 = 49$ (W) · $5 \times 4 = 20$ (C) · $8 \times 9 = 72$ (I) · $8 \times 12 = 96$ (R) · $10 \times 10 = 100$ (P) · $9 \times 6 = 54$ (D) · $4 \times 6 = 24$ (O) · $6 \times 7 = 42$ (M) · $4 \times 11 = 44$ (E) · $9 \times 3 = 27$ (A)

Clue 2 (Rounding): "THE TURF SHOWS LEFT FOOT KICK MARKS"

Round 383 to the nearest hundred = 400 (T) · Round 6,539 to the nearest thousand = 7000 (C) · Round 53 to the nearest ten = 50 (H) · Round 5,818 to the nearest thousand = 6000 (F) · Round 313 to the nearest hundred = 300 (S) · Round 57 to the nearest ten = 60 (A) · Round 838 to the nearest hundred = 800 (I) · Round 566 to the nearest hundred = 600 (K) · Round 676 to the nearest hundred = 700 (O) · Round 2,626 to the nearest thousand = 3000 (W) · Round 82 to the nearest ten = 80 (U) · Round 36 to the nearest ten = 40 (M) · Round 1,775 to the nearest thousand = 2000 (L) · Round 180 to the nearest hundred = 200 (R) · Round 91 to the nearest ten = 90 (E)

Clue 3 (Addition): "THE SNEAKY PLAYER COWERED AT A WHISTLE"

$178 + 172 = 350$ (T) · $375 + 606 = 981$ (I) · $301 + 626 = 927$ (C) · $362 + 443 = 805$ (R) · $166 + 244 = 410$ (L) · $572 + 257 = 829$ (D) · $324 + 183 = 507$ (K) · $218 + 308 = 526$ (H) · $386 + 510 = 896$ (W) · $201 + 353 = 554$ (A) · $157 + 297 = 454$ (N) · $475 + 234 = 709$ (S) · $257 + 454 = 711$ (P) · $308 + 357 = 665$ (E) · $523 + 287 = 810$ (O) · $339 + 488 = 827$ (Y)

Clue 4 (Subtraction): "THE DETECTIVE FOUND A STRAND OF BROWN HAIR"

$922 - 357 = 565$ (T) · $449 - 95 = 354$ (A) · $212 - 45 = 167$ (N) · $523 - 322 = 201$ (U) · $821 - 97 = 724$ (V) · $1168 - 339 = 829$ (E) · $1104 - 330 = 774$ (R) · $815 - 109 = 706$ (F) · $1083 - 278 = 805$ (H) · $1093 - 320 = 773$ (I) · $641 - 227 = 414$ (O) · $265 - 114 = 151$ (W) · $424 - 53 = 371$ (C) · $943 - 60 = 883$ (D) · $961 - 141 = 820$ (S) · $572 - 110 = 462$ (B)

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

$33 \div 3 = 11$ · $40 \div 8 = 5$ · $18 \div 9 = 2$ · $7 \div 7 = 1$ · $49 \div 7 = 7$ · $27 \div 3 = 9$ · $36 \div 9 = 4$ · $132 \div 11 = 12$ · $80 \div 8 = 10$ · $24 \div 4 = 6$ · $48 \div 6 = 8$