The Great Championship Capers

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

Detective: _____ **Date:** _____

The golden championship whistle has been swiped right before the tournament! A rogue player has disrupted the locker rooms and scrambled the game plan. We need to solve the sports mysteries and find the thief before kickoff!

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 thief is _____

Possible suspects

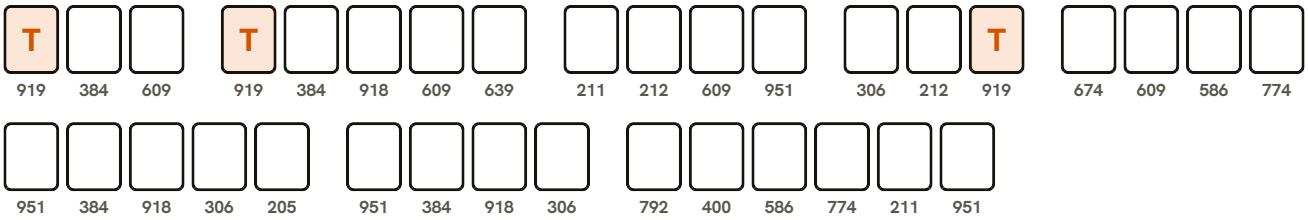
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	SIGNATURE MOVE	LUCKY GEAR	DRIBBLING STYLE	HEADBAND COLOR	GAME DISTRACTION
Shaq	Bicycle Kick	Striped Socks	Right-Foot Dominant	Blue Headband	Bouncing Balls
Marta	Half-Court Hookshot	Gold High-Tops	Right-Foot Dominant	Black Headband	Cheering Fans
Megan Rapinoe	Rainbow Flick	Neon Green Cleats	Right-Foot Dominant	Black Headband	Squeaking Sneakers
Kevin Durant	Half-Court Hookshot	Striped Socks	Right-Foot Dominant	Red Headband	Bouncing Balls
Erling Haaland	Half-Court Hookshot	Squeaky Sneakers	Right-Foot Dominant	Red Headband	Squeaking Sneakers
Harry Kane	Half-Court Hookshot	Shiny Shin Guards	Right-Foot Dominant	Black Headband	Cheering Fans
Alex Morgan	Half-Court Hookshot	Squeaky Sneakers	Right-Foot Dominant	Black Headband	Cheering Fans
LeBron James	Bicycle Kick	Shiny Shin Guards	Left-Foot Dominant	Blue Headband	Bouncing Balls
Steph Curry	Bicycle Kick	Neon Green Cleats	Left-Foot Dominant	Black Headband	Squeaking Sneakers
Bukayo Saka	Bicycle Kick	Squeaky Sneakers	Right-Foot Dominant	Blue Headband	Cheering Fans
Diana Taurasi	Bicycle Kick	Striped Socks	Right-Foot Dominant	Red Headband	Squeaking Sneakers
Chloe Kelly	No-Look Pass	Squeaky Sneakers	Right-Foot Dominant	Blue Headband	Squeaking Sneakers
Ja Morant	Rainbow Flick	Neon Green Cleats	Right-Foot Dominant	Red Headband	Squeaking Sneakers
Jimmy Butler	Rainbow Flick	Squeaky Sneakers	Left-Foot Dominant	Blue Headband	Squeaking Sneakers
Mo Salah	Rainbow Flick	Striped Socks	Right-Foot Dominant	Black Headband	Cheering Fans
Marcus Rashford	Bicycle Kick	Squeaky Sneakers	Left-Foot Dominant	Black Headband	Cheering Fans
Kylian Mbappe	No-Look Pass	Gold High-Tops	Right-Foot Dominant	Red Headband	Cheering Fans
Son Heung min	Bicycle Kick	Squeaky Sneakers	Right-Foot Dominant	Black Headband	Cheering Fans
Luka Doncic	No-Look Pass	Gold High-Tops	Left-Foot Dominant	Black Headband	Bouncing Balls
Lionel Messi	Slam Dunk	Squeaky Sneakers	Left-Foot Dominant	Blue Headband	Squeaking Sneakers
Sue Bird	Bicycle Kick	Shiny Shin Guards	Left-Foot Dominant	Black Headband	Squeaking Sneakers

CLUE 1 Addition

> We found two piles of training cones left behind by the thief. Add them together to find the total cones and get our first clue.

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



356 + 563 = ☐ → T

212 + 397 = ☐ → E

474 + 318 = ☐ → G

245 + 139 = ☐ → H

404 + 182 = ☐ → A

373 + 266 = ☐ → F

190 + 116 = ☐ → N

531 + 387 = ☐ → I

206 + 468 = ☐ → W

416 + 358 = ☐ → R

133 + 78 = ☐ → D

120 + 92 = ☐ → O

104 + 101 = ☐ → Y

364 + 587 = ☐ → S

188 + 212 = ☐ → U

Scratch space:

CLUE 2 Rounding

> The radar gun clocked the thief running away, but it only displays speed rounded to the nearest ten. Round this number to read the screen.

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

T																	T		
8000	500	30	4000	400	50	3000	7000	7000	2000	30	800	600	2000	4000	9000	3000	8000	500	
T							T				T								
8000	500	30	50	3000	40	500	8000	80	800	800	8000								

Round 8,270 to the nearest thousand ☐ → T

Round 30 to the nearest ten ☐ → E

Round 445 to the nearest hundred ☐ → D

Round 6,804 to the nearest thousand ☐ → B

Round 82 to the nearest ten ☐ → F

Round 474 to the nearest hundred ☐ → H

Round 4,089 to the nearest thousand ☐ → Y

Round 9,408 to the nearest thousand ☐ → W

Round 766 to the nearest hundred ☐ → O

Round 41 to the nearest ten ☐ → G

Round 596 to the nearest hundred ☐ → N

Round 2,686 to the nearest thousand ☐ → I

Round 54 to the nearest ten ☐ → R

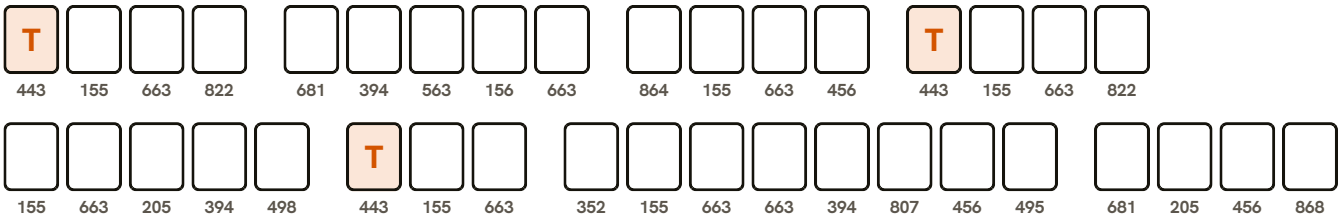
Round 1,702 to the nearest thousand ☐ → L

Scratch space:

CLUE 3 Subtraction

> We checked the equipment bag. Subtract the remaining soccer balls from the original count to see how many the thief stole.

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



706 - 263 = ☐ → T

869 - 62 = ☐ → I

800 - 344 = ☐ → N

450 - 295 = ☐ → H

716 - 35 = ☐ → F

347 - 191 = ☐ → Z

952 - 389 = ☐ → O

870 - 207 = ☐ → E

427 - 222 = ☐ → A

449 - 55 = ☐ → R

629 - 131 = ☐ → D

1145 - 323 = ☐ → Y

1265 - 397 = ☐ → S

887 - 392 = ☐ → G

377 - 25 = ☐ → C

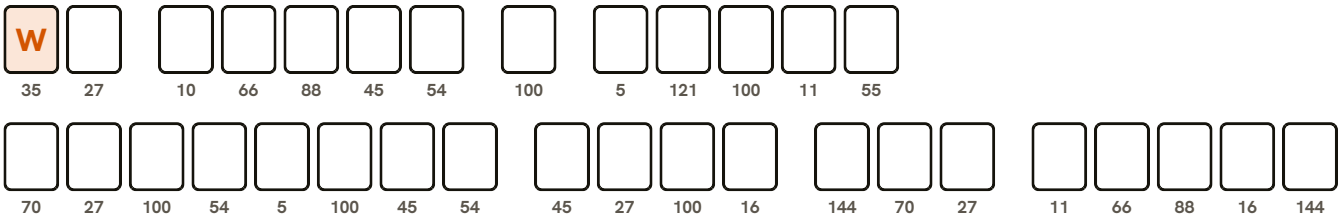
1209 - 345 = ☐ → W

Scratch space:

CLUE 4 Multiplication facts (1-12)

> The locker room has rows of lockers. Multiply the rows by the lockers in each row to find the locker we need to search.

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



7 × 5 = ☐ → W	1 × 11 = ☐ → C	12 × 12 = ☐ → T
11 × 11 = ☐ → L	9 × 6 = ☐ → D	8 × 11 = ☐ → U
7 × 10 = ☐ → H	6 × 11 = ☐ → O	9 × 3 = ☐ → E
10 × 10 = ☐ → A	9 × 5 = ☐ → N	8 × 2 = ☐ → R
5 × 2 = ☐ → F	5 × 1 = ☐ → B	5 × 11 = ☐ → K

Scratch space:

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

> We need to pack the sports drinks into crates. Divide the total bottles equally to find how many go in each crate and unlock 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:

77 ÷ 7 = ☐ | 12 ÷ 2 = ☐ | 44 ÷ 11 = ☐ | 110 ÷ 11 = ☐ | 77 ÷ 11 = ☐

3 ÷ 1 = ☐ | 2 ÷ 1 = ☐ | 35 ÷ 7 = ☐ | 90 ÷ 10 = ☐ | 10 ÷ 10 = ☐

24 ÷ 2 = ☐

Step 2 - cross out the sentence with each answer:

1. The villain pulled off a flashy rainbow flick, then fled the court in shiny shin guards.
2. The villain executed a flawless bicycle kick, then dashed off in gold high-tops.
3. The villain landed a thunderous slam dunk, then leaped away wearing striped socks.
4. The villain did a wild half-court hookshot, then dashed off in gold high-tops.
5. The villain tossed a sneaky no-look pass, then leaped away wearing striped socks.
6. The villain did a wild half-court hookshot, then scampered past in squeaky sneakers.
7. The villain landed a thunderous slam dunk, then fled the court in shiny shin guards.
8. The villain pulled off a flashy rainbow flick, then leaped away wearing striped socks.
9. The villain tossed a sneaky no-look pass, then scampered past in squeaky sneakers.
10. The villain landed a thunderous slam dunk, then sprinted away in neon green cleats.
11. The villain executed a flawless bicycle kick, then scampered past in squeaky sneakers.
12. The villain executed a flawless bicycle kick, then fled the court in shiny shin guards.

TEACHER / PARENT

Answer Key

The Great Championship Capers

Culprit: Mo Salah

Rainbow Flick · Striped Socks · Right-Foot Dominant · Black Headband · Cheering Fans

Trail: Start 21 → Clue 1 18 → Clue 2 13 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE THIEF DOES NOT WEAR SHINY SHIN GUARDS"

356 + 563 = 919 (T) · 212 + 397 = 609 (E) · 474 + 318 = 792 (G) · 245 + 139 = 384 (H) · 404 + 182 = 586 (A) · 373 + 266 = 639 (F) · 190 + 116 = 306 (N) · 531 + 387 = 918 (I) · 206 + 468 = 674 (W) · 416 + 358 = 774 (R) · 133 + 78 = 211 (D) · 120 + 92 = 212 (O) · 104 + 101 = 205 (Y) · 364 + 587 = 951 (S) · 188 + 212 = 400 (U)

Clue 2 (Rounding): "THEY DRIBBLE ONLY WITH THE RIGHT FOOT"

Round 8,270 to the nearest thousand = 8000 (T) · Round 30 to the nearest ten = 30 (E) · Round 445 to the nearest hundred = 400 (D) · Round 6,804 to the nearest thousand = 7000 (B) · Round 82 to the nearest ten = 80 (F) · Round 474 to the nearest hundred = 500 (H) · Round 4,089 to the nearest thousand = 4000 (Y) · Round 9,408 to the nearest thousand = 9000 (W) · Round 766 to the nearest hundred = 800 (O) · Round 41 to the nearest ten = 40 (G) · Round 596 to the nearest hundred = 600 (N) · Round 2,686 to the nearest thousand = 3000 (I) · Round 54 to the nearest ten = 50 (R) · Round 1,702 to the nearest thousand = 2000 (L)

Clue 3 (Subtraction): "THEY FROZE WHEN THEY HEARD THE CHEERING FANS"

706 - 263 = 443 (T) · 869 - 62 = 807 (I) · 800 - 344 = 456 (N) · 450 - 295 = 155 (H) · 716 - 35 = 681 (F) · 347 - 191 = 156 (Z) · 952 - 389 = 563 (O) · 870 - 207 = 663 (E) · 427 - 222 = 205 (A) · 449 - 55 = 394 (R) · 629 - 131 = 498 (D) · 1145 - 323 = 822 (Y) · 1265 - 397 = 868 (S) · 887 - 392 = 495 (G) · 377 - 25 = 352 (C) · 1209 - 345 = 864 (W)

Clue 4 (Multiplication facts (1-12)): "WE FOUND A BLACK HEADBAND NEAR THE COURT"

7 × 5 = 35 (W) · 1 × 11 = 11 (C) · 12 × 12 = 144 (T) · 11 × 11 = 121 (L) · 9 × 6 = 54 (D) · 8 × 11 = 88 (U) · 7 × 10 = 70 (H) · 6 × 11 = 66 (O) · 9 × 3 = 27 (E) · 10 × 10 = 100 (A) · 9 × 5 = 45 (N) · 8 × 2 = 16 (R) · 5 × 2 = 10 (F) · 5 × 1 = 5 (B) · 5 × 11 = 55 (K)

Clue 5 (Division facts (1-12)): surviving statement is box 8 → Mo Salah

77 ÷ 7 = 11 · 12 ÷ 2 = 6 · 44 ÷ 11 = 4 · 110 ÷ 11 = 10 · 77 ÷ 11 = 7 · 3 ÷ 1 = 3 · 2 ÷ 1 = 2 · 35 ÷ 7 = 5 · 90 ÷ 10 = 9 · 10 ÷ 10 = 1 · 24 ÷ 2 = 12