The Championship Soccer Caper

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

Detective: _____ **Date:** _____

The Cleat Valley Cup match is tonight, but someone sneaked onto the pitch and stole the Golden Match Ball! Coach Cooper found muddy cleat prints leading to the locker rooms. We must find the Soccer Snatcher 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 Soccer Snatcher is _____

Possible suspects

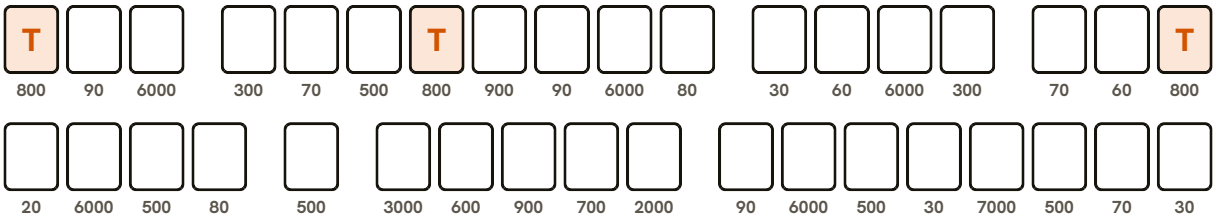
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	SIGNATURE MOVE	LUCKY GEAR	GENDER	HAIR STYLE	GREATEST FEAR
Grace	Zigzag Dribble	Sticky Gloves	Boy	Curly Afro	Loud Whistles
Mia	Super Header	Lucky Headband	Girl	Spiky Gel	Loud Whistles
Toby	Zigzag Dribble	Neon Shin Guards	Boy	Curly Afro	Loud Whistles
Sam	Super Header	Sticky Gloves	Boy	Curly Afro	Flat Soccer Balls
Lily	Zigzag Dribble	Squeaky Cleats	Boy	High Ponytail	Slippery Mud
Jack	Super Header	Silver whistle	Girl	High Ponytail	Flat Soccer Balls
Maya	Super Header	Neon Shin Guards	Girl	Spiky Gel	Flat Soccer Balls
Leo	Bicycle Kick	Silver whistle	Girl	Curly Afro	Slippery Mud
Emma	Super Header	Sticky Gloves	Girl	Spiky Gel	Flat Soccer Balls
Nico	Bicycle Kick	Neon Shin Guards	Girl	Curly Afro	Slippery Mud
Zane	Bicycle Kick	Neon Shin Guards	Boy	High Ponytail	Flat Soccer Balls
Sophia	Zigzag Dribble	Silver whistle	Boy	Curly Afro	Slippery Mud
Zoe	Super Header	Neon Shin Guards	Girl	Spiky Gel	Slippery Mud
Luke	Laser Pass	Silver whistle	Boy	Spiky Gel	Flat Soccer Balls
Eli	Rocket Kick	Squeaky Cleats	Girl	Spiky Gel	Slippery Mud
Ella	Super Header	Lucky Headband	Girl	Spiky Gel	Flat Soccer Balls
Ava	Rocket Kick	Sticky Gloves	Girl	Spiky Gel	Flat Soccer Balls
Chloe	Bicycle Kick	Squeaky Cleats	Girl	Curly Afro	Slippery Mud
Ruby	Bicycle Kick	Sticky Gloves	Girl	Spiky Gel	Flat Soccer Balls
Sienna	Super Header	Sticky Gloves	Girl	Spiky Gel	Slippery Mud
Owen	Rocket Kick	Neon Shin Guards	Girl	Curly Afro	Slippery Mud

CLUE 1 Rounding

> The stadium radar tracker picked up a fast-moving player, but the old digital screen only shows rounded speeds. We need to round the runner's speed to the nearest ten to unlock the first clue!

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



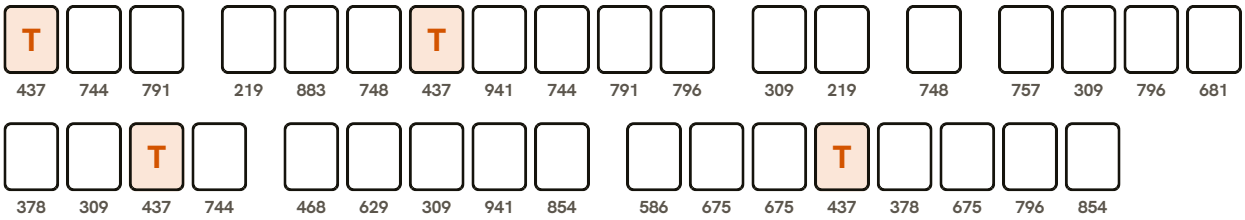
Round 801 to the nearest hundred		T	Round 946 to the nearest hundred		C	Round 17 to the nearest ten		W
Round 531 to the nearest hundred		A	Round 82 to the nearest ten		R	Round 282 to the nearest hundred		S
Round 559 to the nearest hundred		U	Round 653 to the nearest hundred		K	Round 6,044 to the nearest thousand		E
Round 68 to the nearest ten		N	Round 92 to the nearest ten		H	Round 57 to the nearest ten		O
Round 1,940 to the nearest thousand		Y	Round 26 to the nearest ten		D	Round 3,314 to the nearest thousand		L
Round 7,042 to the nearest thousand		B						

Scratch space:

CLUE 2 Addition

> Coach Cooper is counting the practice soccer balls in the equipment bins. If we add up all the soccer balls in the three bins, the total sum will unlock the next secret locker.

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



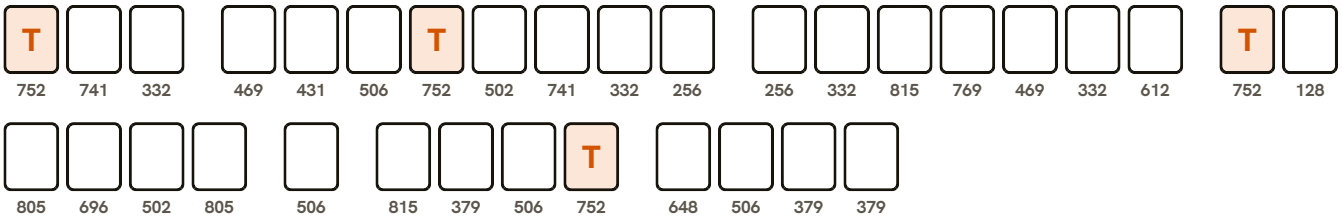
140 + 297 =		T	498 + 356 =		K	277 + 404 =		L
151 + 227 =		W	449 + 434 =		N	476 + 281 =		G
495 + 446 =		C	302 + 494 =		R	325 + 423 =		A
355 + 231 =		F	426 + 318 =		H	148 + 320 =		Q
384 + 245 =		U	368 + 307 =		O	151 + 68 =		S
124 + 185 =		I	438 + 353 =		E			

Scratch space:

CLUE 3 Subtraction

> The training cones are missing from the drills field. We started with a full crate, but some were stolen. Subtract the remaining cones from the starting number to find the clue's hidden code!

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



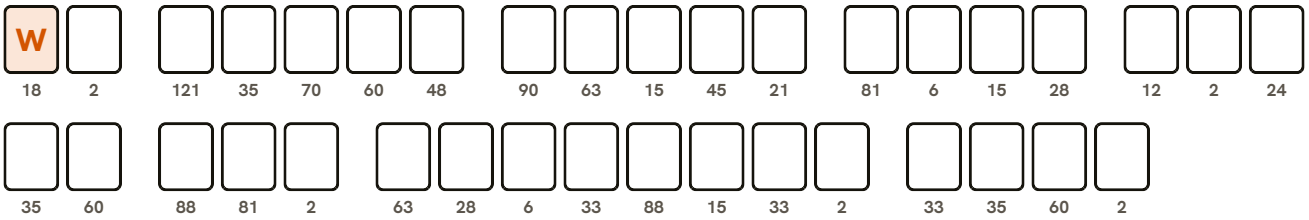
984 - 232 =		T	1166 - 361 =		K	1141 - 372 =		U
882 - 270 =		D	1029 - 381 =		B	742 - 1 =		H
548 - 42 =		A	636 - 205 =		N	355 - 99 =		R
757 - 61 =		I	1080 - 265 =		F	415 - 83 =		E
440 - 312 =		O	874 - 372 =		C	542 - 73 =		S
400 - 21 =		L						

Scratch space:

CLUE 4 Multiplication facts (1-12)

> The championship soccer jerseys are laid out in perfect equal rows on the benches. Multiply the number of rows by the jerseys in each row to reveal the lucky number for this clue.

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



2 × 9 =		W	4 × 7 =		R	6 × 1 =		A
10 × 7 =		U	3 × 11 =		C	9 × 9 =		H
2 × 6 =		G	6 × 10 =		N	3 × 5 =		I
4 × 12 =		D	11 × 8 =		T	9 × 10 =		S
2 × 1 =		E	7 × 3 =		Y	11 × 11 =		F
5 × 7 =		O	2 × 12 =		L	9 × 7 =		P
5 × 9 =		K						

Scratch space:

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

> The team needs to share the energy orange slices equally among the starting players. If we split the total pile of orange slices evenly, the leftover amount gives us our 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:

24 ÷ 4 = ☐	27 ÷ 3 = ☐	40 ÷ 5 = ☐
2 ÷ 1 = ☐	7 ÷ 7 = ☐	44 ÷ 11 = ☐
33 ÷ 3 = ☐	45 ÷ 9 = ☐	24 ÷ 2 = ☐
12 ÷ 4 = ☐	70 ÷ 10 = ☐	

Step 2 - cross out the sentence with each answer:

1. The villain fired a rocket kick into the gear shed, then signaled their getaway with a silver whistle.
2. The villain performed a zigzag dribble down the hallway, then blinded the guard with neon shin guards.
3. The villain executed a bicycle kick over the stadium fence, then tied up the evidence with a lucky headband.
4. The villain delivered a super header to bypass the lock, then escaped with squeaky cleats.
5. The villain fired a rocket kick into the gear shed, then tied up the evidence with a lucky headband.
6. The villain delivered a super header to bypass the lock, then blinded the guard with neon shin guards.
7. The villain performed a zigzag dribble down the hallway, then signaled their getaway with a silver whistle.
8. The villain delivered a super header to bypass the lock, then swiped the trophy with sticky gloves.
9. The villain executed a bicycle kick over the stadium fence, then swiped the trophy with sticky gloves.
10. The villain fired a rocket kick into the gear shed, then swiped the trophy with sticky gloves.
11. The villain sent a laser pass straight through the locker room window, then escaped with squeaky cleats.
12. The villain performed a zigzag dribble down the hallway, then swiped the trophy with sticky gloves.

TEACHER / PARENT

Answer Key

The Championship Soccer Caper

Culprit: Ava

Rocket Kick · Sticky Gloves · Girl · Spiky Gel · Flat Soccer Balls

Trail: Start 21 → Clue 1 19 → Clue 2 12 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Rounding): "THE SNATCHER DOES NOT WEAR A LUCKY HEADBAND"

Round 801 to the nearest hundred = 800 (T) · Round 946 to the nearest hundred = 900 (C) · Round 17 to the nearest ten = 20 (W) · Round 531 to the nearest hundred = 500 (A) · Round 82 to the nearest ten = 80 (R) · Round 282 to the nearest hundred = 300 (S) · Round 559 to the nearest hundred = 600 (U) · Round 653 to the nearest hundred = 700 (K) · Round 6,044 to the nearest thousand = 6000 (E) · Round 68 to the nearest ten = 70 (N) · Round 92 to the nearest ten = 90 (H) · Round 57 to the nearest ten = 60 (O) · Round 1,940 to the nearest thousand = 2000 (Y) · Round 26 to the nearest ten = 30 (D) · Round 3,314 to the nearest thousand = 3000 (L) · Round 7,042 to the nearest thousand = 7000 (B)

Clue 2 (Addition): "THE SNATCHER IS A GIRL WITH QUICK FOOTWORK"

140 + 297 = 437 (T) · 498 + 356 = 854 (K) · 277 + 404 = 681 (L) · 151 + 227 = 378 (W) · 449 + 434 = 883 (N) · 476 + 281 = 757 (G) · 495 + 446 = 941 (C) · 302 + 494 = 796 (R) · 325 + 423 = 748 (A) · 355 + 231 = 586 (F) · 426 + 318 = 744 (H) · 148 + 320 = 468 (Q) · 384 + 245 = 629 (U) · 368 + 307 = 675 (O) · 151 + 68 = 219 (S) · 124 + 185 = 309 (I) · 438 + 353 = 791 (E)

Clue 3 (Subtraction): "THE SNATCHER REFUSED TO KICK A FLAT BALL"

984 - 232 = 752 (T) · 1166 - 361 = 805 (K) · 1141 - 372 = 769 (U) · 882 - 270 = 612 (D) · 1029 - 381 = 648 (B) · 742 - 1 = 741 (H) · 548 - 42 = 506 (A) · 636 - 205 = 431 (N) · 355 - 99 = 256 (R) · 757 - 61 = 696 (I) · 1080 - 265 = 815 (F) · 415 - 83 = 332 (E) · 440 - 312 = 128 (O) · 874 - 372 = 502 (C) · 542 - 73 = 469 (S) · 400 - 21 = 379 (L)

Clue 4 (Multiplication facts (1-12)): "WE FOUND SPIKY HAIR GEL ON THE PRACTICE CONE"

2 × 9 = 18 (W) · 4 × 7 = 28 (R) · 6 × 1 = 6 (A) · 10 × 7 = 70 (U) · 3 × 11 = 33 (C) · 9 × 9 = 81 (H) · 2 × 6 = 12 (G) · 6 × 10 = 60 (N) · 3 × 5 = 15 (I) · 4 × 12 = 48 (D) · 11 × 8 = 88 (T) · 9 × 10 = 90 (S) · 2 × 1 = 2 (E) · 7 × 3 = 21 (Y) · 11 × 11 = 121 (F) · 5 × 7 = 35 (O) · 2 × 12 = 24 (L) · 9 × 7 = 63 (P) · 5 × 9 = 45 (K)

Clue 5 (Division facts (1-12)): surviving statement is box 10 → Ava

24 ÷ 4 = 6 · 27 ÷ 3 = 9 · 40 ÷ 5 = 8 · 2 ÷ 1 = 2 · 7 ÷ 7 = 1 · 44 ÷ 11 = 4 · 33 ÷ 3 = 11 · 45 ÷ 9 = 5 · 24 ÷ 2 = 12 · 12 ÷ 4 = 3 · 70 ÷ 10 = 7