The Case of the Missing Championship Trophy

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

Detective: _____ **Date:** _____

Right before the championship match, someone sneaked into the trophy room and snatched the Golden Cup! The referees found clues left behind near the basketball court and football field.

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

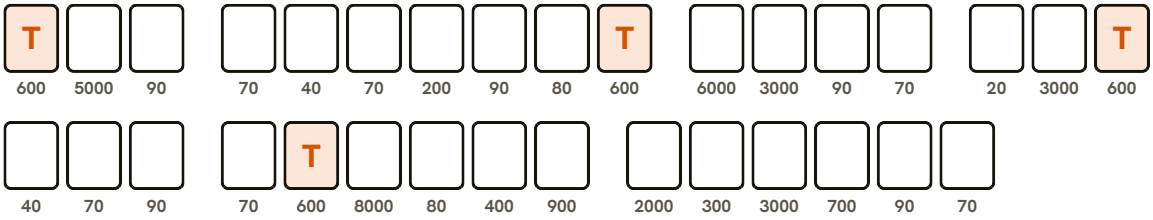
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	SIGNATURE MOVE	LUCKY GEAR	SHOOTING HAND	HEADWEAR	COURT DISTRACTION
Travis Kelce	Hail Mary	Laser Sneaker	Right Handed	Yellow Visor	Whistle Blast
Josh Allen	Fast Break	Sticky Gloves	Right Handed	Yellow Visor	Squeaky Shoe
Jayson Tatum	Turbo Dribble	Laser Sneaker	Right Handed	Yellow Visor	Squeaky Shoe
Jalen Hurts	Field Goal	Sticky Gloves	Left Handed	Blue Cap	Squeaky Shoe
Amon Ra St Brown	Slam Dunk	Neon Whistle	Left Handed	Yellow Visor	Whistle Blast
Sabrina Ionescu	Fast Break	Sticky Gloves	Left Handed	Red Headband	Loud Horn
Aja Wilson	Hail Mary	Arm Band	Left Handed	Blue Cap	Squeaky Shoe
Breanna Stewart	Turbo Dribble	Sticky Gloves	Right Handed	Blue Cap	Whistle Blast
Luka Doncic	Hail Mary	Foam Finger	Left Handed	Blue Cap	Squeaky Shoe
Giannis Antetokounmpo	Slam Dunk	Foam Finger	Left Handed	Blue Cap	Squeaky Shoe
LeBron James	Fast Break	Neon Whistle	Left Handed	Red Headband	Squeaky Shoe
Tyreek Hill	Field Goal	Foam Finger	Left Handed	Blue Cap	Whistle Blast
Patrick Mahomes	Fast Break	Neon Whistle	Left Handed	Blue Cap	Squeaky Shoe
Candace Parker	Turbo Dribble	Laser Sneaker	Left Handed	Red Headband	Loud Horn
Sue Bird	Turbo Dribble	Neon Whistle	Left Handed	Red Headband	Loud Horn
Devin Booker	Field Goal	Neon Whistle	Left Handed	Blue Cap	Loud Horn
Stephen Curry	Hail Mary	Sticky Gloves	Left Handed	Red Headband	Whistle Blast
Caitlin Clark	Turbo Dribble	Foam Finger	Left Handed	Yellow Visor	Loud Horn
Shaquille ONeal	Hail Mary	Neon Whistle	Right Handed	Blue Cap	Squeaky Shoe
Ja Morant	Slam Dunk	Arm Band	Left Handed	Blue Cap	Whistle Blast
Kyler Murray	Hail Mary	Foam Finger	Left Handed	Blue Cap	Loud Horn

CLUE 1 Rounding

The digital scoreboard rounded the stadium crowd count to estimate attendance.

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



Round 628 to the nearest hundred ☐ → T

Round 38 to the nearest ten ☐ → U

Round 81 to the nearest ten ☐ → C

Round 2,790 to the nearest thousand ☐ → O

Round 180 to the nearest hundred ☐ → P

Round 8,128 to the nearest thousand ☐ → I

Round 66 to the nearest ten ☐ → S

Round 4,598 to the nearest thousand ☐ → H

Round 16 to the nearest ten ☐ → N

Round 331 to the nearest hundred ☐ → L

Round 89 to the nearest ten ☐ → E

Round 1,895 to the nearest thousand ☐ → G

Round 930 to the nearest hundred ☐ → Y

Round 6,112 to the nearest thousand ☐ → D

Round 743 to the nearest hundred ☐ → V

Round 400 to the nearest hundred ☐ → K

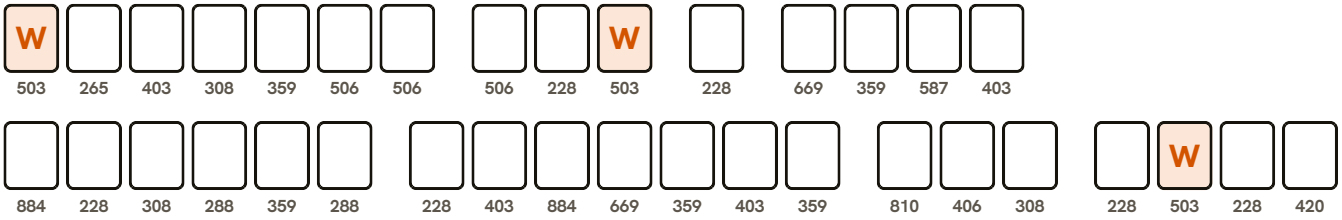
Scratch space:

CLUE 2

Addition

Coach Vance added up all the extra basketballs and footballs in the equipment bin.

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



334 + 169 = ☐ → W

132 + 176 = ☐ → N

511 + 373 = ☐ → H

233 + 273 = ☐ → S

205 + 215 = ☐ → Y

151 + 114 = ☐ → I

273 + 537 = ☐ → R

171 + 232 = ☐ → T

174 + 232 = ☐ → U

172 + 187 = ☐ → E

197 + 390 = ☐ → F

399 + 270 = ☐ → L

183 + 105 = ☐ → D

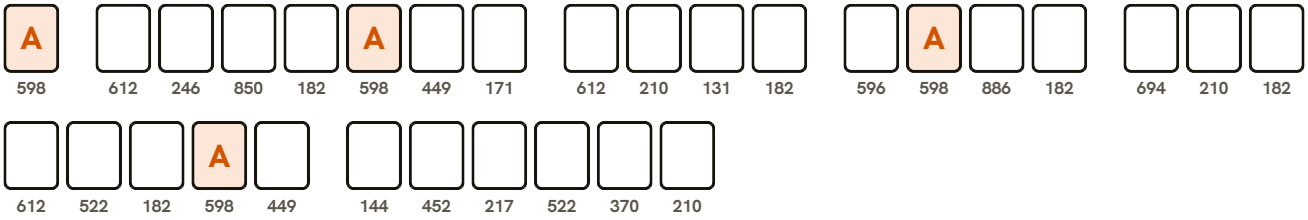
86 + 142 = ☐ → A

Scratch space:

CLUE 3 Subtraction

The equipment manager subtracted the missing jerseys from the total inventory count.

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



673 - 75 = ☐ → **A**

262 - 80 = ☐ → **E**

465 - 334 = ☐ → **O**

514 - 144 = ☐ → **C**

844 - 248 = ☐ → **M**

783 - 171 = ☐ → **S**

435 - 189 = ☐ → **Q**

453 - 282 = ☐ → **Y**

484 - 267 = ☐ → **I**

908 - 58 = ☐ → **U**

583 - 131 = ☐ → **L**

643 - 194 = ☐ → **K**

420 - 276 = ☐ → **F**

468 - 258 = ☐ → **H**

945 - 251 = ☐ → **T**

541 - 19 = ☐ → **N**

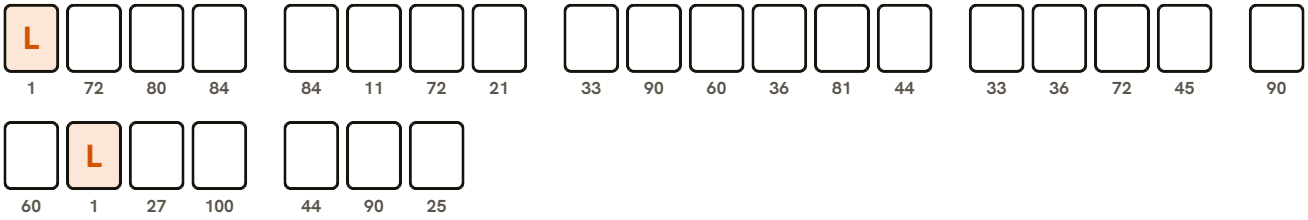
1041 - 155 = ☐ → **D**

Scratch space:

CLUE 4 Multiplication facts (1-12)

> The referee counted rows of bleacher seats arranged in equal groups.

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



1 × 1 = ☐ → L	3 × 11 = ☐ → F	5 × 5 = ☐ → P
6 × 12 = ☐ → O	6 × 6 = ☐ → R	9 × 10 = ☐ → A
6 × 10 = ☐ → B	7 × 3 = ☐ → W	9 × 9 = ☐ → I
1 × 11 = ☐ → H	9 × 5 = ☐ → M	9 × 3 = ☐ → U
11 × 4 = ☐ → C	12 × 7 = ☐ → S	10 × 10 = ☐ → E
8 × 10 = ☐ → G		

Scratch space:

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

> The team captains divided the energy drinks equally among all players on the bench.

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:

48 ÷ 8 = ☐ | 99 ÷ 9 = ☐ | 55 ÷ 11 = ☐ | 7 ÷ 1 = ☐ | 20 ÷ 10 = ☐

10 ÷ 10 = ☐ | 50 ÷ 5 = ☐ | 64 ÷ 8 = ☐ | 48 ÷ 12 = ☐ | 9 ÷ 1 = ☐

12 ÷ 1 = ☐

Step 2 - cross out the sentence with each answer:

1. The villain dribbled at high speed, then laced up a laser sneaker.
2. The villain executed a slam dunk, then laced up a laser sneaker.
3. The villain executed a slam dunk, then waved a foam finger.
4. The villain kicked a field goal, then laced up a laser sneaker.
5. The villain threw a hail mary, then waved a foam finger.
6. The villain threw a hail mary, then snapped an arm band.
7. The villain ran a fast break, then adjusted sticky gloves.
8. The villain executed a slam dunk, then adjusted sticky gloves.
9. The villain ran a fast break, then snapped an arm band.
10. The villain kicked a field goal, then snapped an arm band.
11. The villain ran a fast break, then blew a neon whistle.
12. The villain threw a hail mary, then laced up a laser sneaker.

TEACHER / PARENT

Answer Key

The Case of the Missing Championship Trophy

Culprit: Giannis Antetokounmpo

Slam Dunk · Foam Finger · Left Handed · Blue Cap · Squeaky Shoe

Trail: Start 21 → Clue 1 16 → Clue 2 13 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Rounding): "THE SUSPECT DOES NOT USE STICKY GLOVES"

Round 628 to the nearest hundred = 600 (T) · Round 38 to the nearest ten = 40 (U) · Round 81 to the nearest ten = 80 (C) · Round 2,790 to the nearest thousand = 3000 (O) · Round 180 to the nearest hundred = 200 (P) · Round 8,128 to the nearest thousand = 8000 (I) · Round 66 to the nearest ten = 70 (S) · Round 4,598 to the nearest thousand = 5000 (H) · Round 16 to the nearest ten = 20 (N) · Round 331 to the nearest hundred = 300 (L) · Round 89 to the nearest ten = 90 (E) · Round 1,895 to the nearest thousand = 2000 (G) · Round 930 to the nearest hundred = 900 (Y) · Round 6,112 to the nearest thousand = 6000 (D) · Round 743 to the nearest hundred = 700 (V) · Round 400 to the nearest hundred = 400 (K)

Clue 2 (Addition): "WITNESS SAW A LEFT HANDED ATHLETE RUN AWAY"

334 + 169 = 503 (W) · 132 + 176 = 308 (N) · 511 + 373 = 884 (H) · 233 + 273 = 506 (S) · 205 + 215 = 420 (Y) · 151 + 114 = 265 (I) · 273 + 537 = 810 (R) · 171 + 232 = 403 (T) · 174 + 232 = 406 (U) · 172 + 187 = 359 (E) · 197 + 390 = 587 (F) · 399 + 270 = 669 (L) · 183 + 105 = 288 (D) · 86 + 142 = 228 (A)

Clue 3 (Subtraction): "A SQUEAKY SHOE MADE THE SNEAK FLINCH"

673 - 75 = 598 (A) · 262 - 80 = 182 (E) · 465 - 334 = 131 (O) · 514 - 144 = 370 (C) · 844 - 248 = 596 (M) · 783 - 171 = 612 (S) · 435 - 189 = 246 (Q) · 453 - 282 = 171 (Y) · 484 - 267 = 217 (I) · 908 - 58 = 850 (U) · 583 - 131 = 452 (L) · 643 - 194 = 449 (K) · 420 - 276 = 144 (F) · 468 - 258 = 210 (H) · 945 - 251 = 694 (T) · 541 - 19 = 522 (N) · 1041 - 155 = 886 (D)

Clue 4 (Multiplication facts (1-12)): "LOGS SHOW FABRIC FROM A BLUE CAP"

1 × 1 = 1 (L) · 3 × 11 = 33 (F) · 5 × 5 = 25 (P) · 6 × 12 = 72 (O) · 6 × 6 = 36 (R) · 9 × 10 = 90 (A) · 6 × 10 = 60 (B) · 7 × 3 = 21 (W) · 9 × 9 = 81 (I) · 1 × 11 = 11 (H) · 9 × 5 = 45 (M) · 9 × 3 = 27 (U) · 11 × 4 = 44 (C) · 12 × 7 = 84 (S) · 10 × 10 = 100 (E) · 8 × 10 = 80 (G)

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

48 ÷ 8 = 6 · 99 ÷ 9 = 11 · 55 ÷ 11 = 5 · 7 ÷ 1 = 7 · 20 ÷ 10 = 2 · 10 ÷ 10 = 1 · 50 ÷ 5 = 10 · 64 ÷ 8 = 8 · 48 ÷ 12 = 4 · 9 ÷ 1 = 9 · 12 ÷ 1 = 12