The Great Gridiron Trophy Heist

Grade 4 math · Skip counting, Rounding, Addition, Subtraction, Division · Reading level grades 5-6

Detective: _____ **Date:** _____

Right before the championship kickoff at Titan Stadium, someone sneaked into the coaches' office and snatched the golden trophy along with the secret playbook! The stadium is locked down, and the detective team must analyze the evidence left around the field to identify the culprit among the league stars.

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 Playbook Bandit is _____

Possible suspects

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

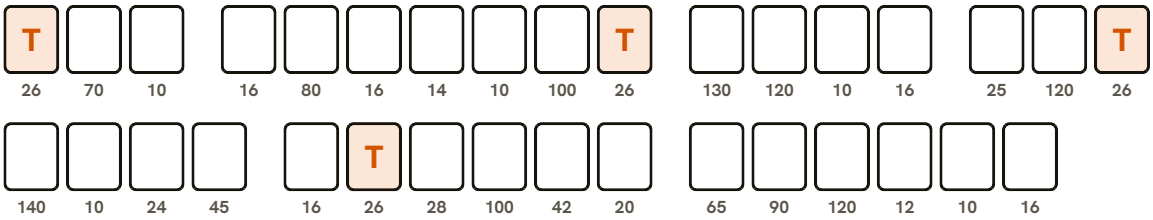
NAME	SIGNATURE PLAY	SPECIAL GEAR	THROWING STYLE	HAIR STYLE	GAME WEAKNESS
Saquon Barkley	Shadow Dodge	Golden Cleats	Left Handed Thrower	Long Braids	Wet Mud
Jalen Hurts	Sonic Sprint	Jet Backpack	Right Handed Thrower	Long Braids	Bright Floodlights
Joe Burrow	Rocket Kick	Jet Backpack	Left Handed Thrower	Spiky Hair	Wet Mud
Patrick Mahomes	Sonic Sprint	Laser Whistle	Right Handed Thrower	Spiky Hair	Wet Mud
Justin Jefferson	Iron Wall	Visor Shield	Right Handed Thrower	Long Braids	Wet Mud
Davante Adams	Rocket Kick	Sticky Gloves	Left Handed Thrower	Spiky Hair	Wet Mud
DeAndre Hopkins	Rocket Kick	Jet Backpack	Right Handed Thrower	Spiky Hair	Bright Floodlights
Aaron Donald	Shadow Dodge	Laser Whistle	Left Handed Thrower	Long Braids	Loud Whistles
Lamar Jackson	Rocket Kick	Laser Whistle	Left Handed Thrower	Spiky Hair	Wet Mud
Stefon Diggs	Shadow Dodge	Visor Shield	Right Handed Thrower	Spiky Hair	Wet Mud
Myles Garrett	Cannon Arm	Golden Cleats	Left Handed Thrower	Spiky Hair	Wet Mud
Nick Bosa	Sonic Sprint	Visor Shield	Right Handed Thrower	Long Braids	Loud Whistles
AmonRa St Brown	Rocket Kick	Sticky Gloves	Left Handed Thrower	Long Braids	Loud Whistles
Cooper Kupp	Sonic Sprint	Visor Shield	Left Handed Thrower	Spiky Hair	Loud Whistles
JaMarr Chase	Iron Wall	Visor Shield	Left Handed Thrower	Spiky Hair	Wet Mud
TJ Watt	Iron Wall	Golden Cleats	Left Handed Thrower	Long Braids	Wet Mud
Micah Parsons	Iron Wall	Visor Shield	Right Handed Thrower	Long Braids	Bright Floodlights
CeDee Lamb	Rocket Kick	Visor Shield	Right Handed Thrower	Spiky Hair	Loud Whistles
Tyreek Hill	Iron Wall	Visor Shield	Left Handed Thrower	Spiky Hair	Loud Whistles
Josh Allen	Cannon Arm	Visor Shield	Right Handed Thrower	Spiky Hair	Wet Mud
Derrick Henry	Shadow Dodge	Jet Backpack	Right Handed Thrower	Buzz Cut	Loud Whistles

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CLUE 1 Skip counting

> To track down the stadium intruder, Coach Miller paced down the field by counting yard markers in steady equal jumps.

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



Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, ___, 28, 30 ☐ → **T**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, ___, 130, 140 ☐ → **O**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, ___, 100, 110 ☐ → **L**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, ___, 80, 90 ☐ → **H**

Skip-count by 3s. Fill the blank: 3, 6, 9, ___, 15, 18 ☐ → **V**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, ___, 90, 100 ☐ → **U**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, ___, 12, 14 ☐ → **E**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, ___, 30, 35 ☐ → **N**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, ___, 22, 24 ☐ → **Y**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, ___, 27, 30 ☐ → **A**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, ___, 30, 32 ☐ → **I**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, ___, 18, 20 ☐ → **S**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, ___, 45, 48 ☐ → K

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, ___, 70, 75 ☐ → G

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, ___, 50, 55 ☐ → R

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, ___, 140, 150 ☐ → D

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, ___, 150, 160 ☐ → W

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, ___, 16, 18 ☐ → P

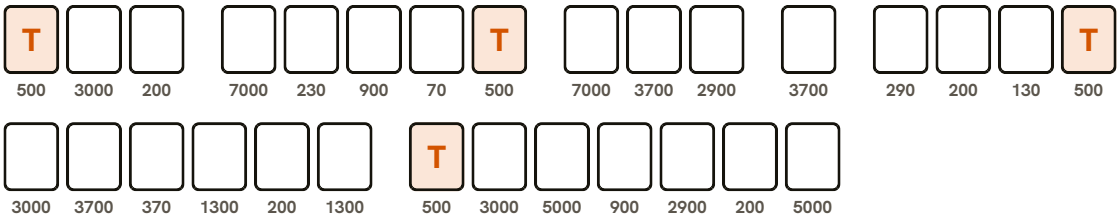
Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, ___, 110, 120 ☐ → C

Scratch space:

CLUE 2 Rounding

> The stadium jumbo screen only displays estimated attendance, so we must round the official gate numbers to unlock the secondary clue.

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



Round 509 to the nearest hundred ☐ → **T**

Round 371 to the nearest ten ☐ → **N**

Round 133 to the nearest ten ☐ → **F**

Round 293 to the nearest ten ☐ → **L**

Round 3,131 to the nearest thousand ☐ → **H**

Round 916 to the nearest hundred ☐ → **O**

Round 3,734 to the nearest hundred ☐ → **A**

Round 189 to the nearest hundred ☐ → **E**

Round 1,313 to the nearest hundred ☐ → **D**

Round 7,482 to the nearest thousand ☐ → **S**

Round 228 to the nearest ten ☐ → **C**

Round 2,857 to the nearest hundred ☐ → **W**

Round 5,219 to the nearest thousand ☐ → **R**

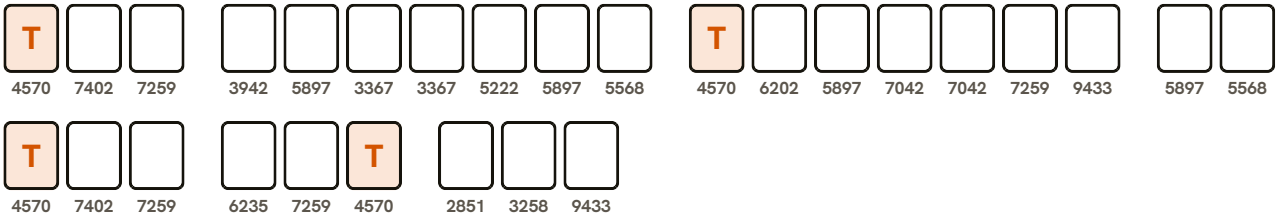
Round 68 to the nearest ten ☐ → **U**

Scratch space:

CLUE 3 Addition

Detective Sam combined the counts of practice helmets from both team lockers to gather more clues.

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



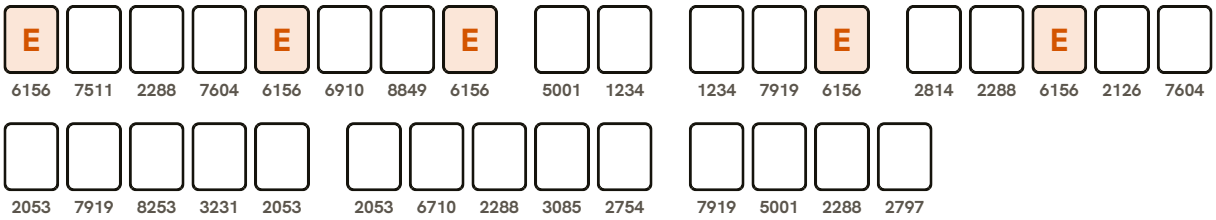
2019 + 2551 = ☐ → T	2889 + 3008 = ☐ → I	2138 + 1804 = ☐ → V
4080 + 2155 = ☐ → W	4795 + 2247 = ☐ → P	2115 + 1143 = ☐ → U
3473 + 1749 = ☐ → A	1375 + 1476 = ☐ → M	2182 + 3386 = ☐ → N
1633 + 1734 = ☐ → L	2556 + 4703 = ☐ → E	2946 + 4456 = ☐ → H
3424 + 2778 = ☐ → R	5748 + 3685 = ☐ → D	

Scratch space:

CLUE 4 Subtraction

> By subtracting the recovered playbooks from the master inventory list, the crew discovered a missing code number.

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



10754 - 4598 = ☐ → **E**

11894 - 3975 = ☐ → **H**

5717 - 2920 = ☐ → **R**

2399 - 346 = ☐ → **S**

7485 - 575 = ☐ → **N**

8253 - 649 = ☐ → **D**

4307 - 1076 = ☐ → **W**

4410 - 1656 = ☐ → **Y**

9176 - 2466 = ☐ → **P**

12394 - 4141 = ☐ → **O**

13067 - 4218 = ☐ → **C**

5451 - 4217 = ☐ → **T**

10888 - 3377 = ☐ → **V**

4470 - 1385 = ☐ → **K**

7540 - 4726 = ☐ → **F**

5627 - 3501 = ☐ → **L**

6997 - 1996 = ☐ → **A**

3280 - 992 = ☐ → **I**

Scratch space:

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

> The referee divided the remaining orange pylons evenly among the field crew to decode the final signal.

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:

44 ÷ 4 = ☐	56 ÷ 7 = ☐	48 ÷ 8 = ☐	56 ÷ 8 = ☐	9 ÷ 1 = ☐
4 ÷ 4 = ☐	3 ÷ 1 = ☐	72 ÷ 6 = ☐	30 ÷ 3 = ☐	4 ÷ 2 = ☐
55 ÷ 11 = ☐				

Step 2 - cross out the sentence with each answer:

1. The villain dodged three tacklers, then laced up golden cleats.
2. The villain threw a sixty yard pass, then strapped on a jet backpack.
3. The villain dodged three tacklers, then pulled on sticky gloves.
4. The villain kicked the ball into orbit, then blew a laser whistle.
5. The villain blocked the entire defense, then strapped on a jet backpack.
6. The villain blocked the entire defense, then adjusted a visor shield.
7. The villain dodged three tacklers, then blew a laser whistle.
8. The villain threw a sixty yard pass, then laced up golden cleats.
9. The villain sprinted down the field, then pulled on sticky gloves.
10. The villain kicked the ball into orbit, then adjusted a visor shield.
11. The villain kicked the ball into orbit, then strapped on a jet backpack.
12. The villain sprinted down the field, then strapped on a jet backpack.

TEACHER / PARENT

Answer Key

The Great Gridiron Trophy Heist

Culprit: Lamar Jackson

Rocket Kick · Laser Whistle · Left Handed Thrower · Spiky Hair · Wet Mud

Trail: Start 21 → Clue 1 19 → Clue 2 9 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Skip counting): "THE SUSPECT DOES NOT WEAR STICKY GLOVES"

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, ___, 28, 30 = 26 (T) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, ___, 130, 140 = 120 (O) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, ___, 100, 110 = 90 (L) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, ___, 80, 90 = 70 (H) · Skip-count by 3s. Fill the blank: 3, 6, 9, ___, 15, 18 = 12 (V) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, ___, 90, 100 = 80 (U) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, ___, 12, 14 = 10 (E) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, ___, 30, 35 = 25 (N) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, ___, 22, 24 = 20 (Y) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, ___, 27, 30 = 24 (A) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, ___, 30, 32 = 28 (I) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, ___, 18, 20 = 16 (S) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, ___, 45, 48 = 42 (K) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, ___, 70, 75 = 65 (G) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, ___, 50, 55 = 45 (R) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, ___, 140, 150 = 130 (D) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, ___, 150, 160 = 140 (W) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, ___, 16, 18 = 14 (P) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, ___, 110, 120 = 100 (C)

Clue 2 (Rounding): "THE SCOUT SAW A LEFT HANDED THROWER"

Round 509 to the nearest hundred = 500 (T) · Round 371 to the nearest ten = 370 (N) · Round 133 to the nearest ten = 130 (F) · Round 293 to the nearest ten = 290 (L) · Round 3,131 to the nearest thousand = 3000 (H) · Round 916 to the nearest hundred = 900 (O) · Round 3,734 to the nearest hundred = 3700 (A) · Round 189 to the nearest hundred = 200 (E) · Round 1,313 to the nearest hundred = 1300 (D) · Round 7,482 to the nearest thousand = 7000 (S) · Round 228 to the nearest ten = 230 (C) · Round 2,857 to the nearest hundred = 2900 (W) · Round 5,219 to the nearest thousand = 5000 (R) · Round 68 to the nearest ten = 70 (U)

Clue 3 (Addition): "THE VILLAIN TRIPPED IN THE WET MUD"

2019 + 2551 = 4570 (T) · 2889 + 3008 = 5897 (I) · 2138 + 1804 = 3942 (V) · 4080 + 2155 = 6235 (W) · 4795 + 2247 = 7042 (P) · 2115 + 1143 = 3258 (U) · 3473 + 1749 = 5222 (A) · 1375 + 1476 = 2851 (M) · 2182 + 3386 = 5568 (N) · 1633 + 1734 = 3367 (L) · 2556 + 4703 = 7259 (E) · 2946 + 4456 = 7402 (H) · 3424 + 2778 = 6202 (R) · 5748 + 3685 = 9433 (D)

Clue 4 (Subtraction): "EVIDENCE AT THE FIELD SHOWS SPIKY HAIR"

10754 - 4598 = 6156 (E) · 11894 - 3975 = 7919 (H) · 5717 - 2920 = 2797 (R) · 2399 - 346 = 2053 (S) · 7485 - 575 = 6910 (N) · 8253 - 649 = 7604 (D) · 4307 - 1076 = 3231 (W) · 4410 - 1656 = 2754 (Y) · 9176 - 2466 = 6710 (P) · 12394 - 4141 = 8253 (O) · 13067 - 4218 = 8849 (C) · 5451 - 4217 = 1234 (T) · 10888 - 3377 = 7511 (V) · 4470 - 1385 = 3085 (K) · 7540 - 4726 = 2814 (F) · 5627 - 3501 = 2126 (L) · 6997 - 1996 = 5001 (A) · 3280 - 992 = 2288 (I)

Clue 5 (Division facts (1-12)): surviving statement is box 4 → Lamar Jackson

44 ÷ 4 = 11 · 56 ÷ 7 = 8 · 48 ÷ 8 = 6 · 56 ÷ 8 = 7 · 9 ÷ 1 = 9 · 4 ÷ 4 = 1 · 3 ÷ 1 = 3 · 72 ÷ 6 = 12 · 30 ÷ 3 = 10 · 4 ÷ 2 = 2 · 55 ÷ 11 = 5