The Golden Football Caper

Grade 2 math · Place value, Addition, Subtraction, Skip counting, Missing addends · Reading level grades 3-4

Detective: _____ **Date:** _____

Right before kickoff at the big game, the championship trophy vanished from the locker room! The Head Coach needs your help finding the guilty player before the final whistle.

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 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	SPECIAL GEAR	STANCE	HELMET STYLE	DISTRACTION
Jalen Hurts	Rocket Throw	Tinted Visor	Left Handed	Neon Helmet	Flash Bulbs
George Kittle	Rocket Throw	Grip Gloves	Right Handed	Neon Helmet	Whistle Sound
Cooper Kupp	Spin Move	Tinted Visor	Right Handed	Matte Helmet	Whistle Sound
Dak Prescott	Speed Sprint	Gold Cleats	Right Handed	Matte Helmet	Flash Bulbs
Lamar Jackson	Speed Sprint	Padded Towel	Left Handed	Matte Helmet	Flash Bulbs
Puka Nacua	Stiff Arm	Padded Towel	Right Handed	Matte Helmet	Flash Bulbs
Micah Parsons	Hurdle Jump	Padded Towel	Right Handed	Silver Helmet	Flash Bulbs
Nick Bosa	Spin Move	Gold Cleats	Left Handed	Matte Helmet	Flash Bulbs
Tyreek Hill	Speed Sprint	Grip Gloves	Right Handed	Matte Helmet	Flash Bulbs
Myles Garrett	Stiff Arm	Arm Band	Right Handed	Matte Helmet	Flash Bulbs
Josh Allen	Speed Sprint	Tinted Visor	Left Handed	Matte Helmet	Flash Bulbs
Derrick Henry	Spin Move	Grip Gloves	Right Handed	Silver Helmet	Loud Cheering
Saquon Barkley	Rocket Throw	Arm Band	Left Handed	Neon Helmet	Whistle Sound
Patrick Mahomes	Spin Move	Grip Gloves	Left Handed	Matte Helmet	Loud Cheering
Maxx Crosby	Spin Move	Padded Towel	Left Handed	Silver Helmet	Whistle Sound
Justin Herbert	Spin Move	Grip Gloves	Right Handed	Silver Helmet	Flash Bulbs
Fred Warner	Spin Move	Grip Gloves	Left Handed	Silver Helmet	Loud Cheering
Breece Hall	Stiff Arm	Padded Towel	Right Handed	Silver Helmet	Loud Cheering
Travis Kelce	Stiff Arm	Arm Band	Left Handed	Neon Helmet	Flash Bulbs
Justin Jefferson	Hurdle Jump	Gold Cleats	Right Handed	Matte Helmet	Flash Bulbs
Christian McCaffrey	Speed Sprint	Gold Cleats	Left Handed	Silver Helmet	Flash Bulbs

CLUE 1 Place value

The equipment manager checked the jersey locker numbers and looked at the tens digit to gather the first clue.

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

T																	T		
34	86	58	87	56	60	60	72	56	68	22	90	58	93	68	90	34			
23	58	72	43	16	43	56	44	16	60	90	87	58	93						

What number has 3 tens and 4 ones? ☐ → T

What number has 6 tens and 0 ones? ☐ → L

What number has 8 tens and 6 ones? ☐ → H

What number has 5 tens and 8 ones? ☐ → E

What number has 9 tens and 0 ones? ☐ → O

What number has 7 tens and 2 ones? ☐ → A

What number has 1 ten and 6 ones? ☐ → G

What number has 2 tens and 2 ones? ☐ → D

What number has 2 tens and 3 ones? ☐ → W

What number has 4 tens and 3 ones? ☐ → R

What number has 9 tens and 3 ones? ☐ → S

What number has 5 tens and 6 ones? ☐ → I

What number has 6 tens and 8 ones? ☐ → N

What number has 4 tens and 4 ones? ☐ → P

What number has 8 tens and 7 ones? ☐ → V

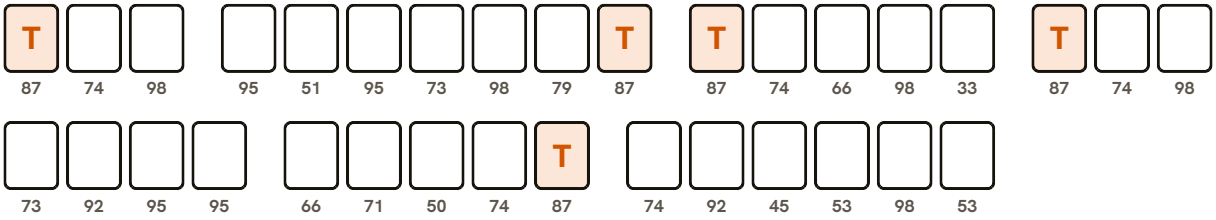
Scratch space:

CLUE 2

Addition

Coach added up all the footballs collected on the field after practice to find the next clue.

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



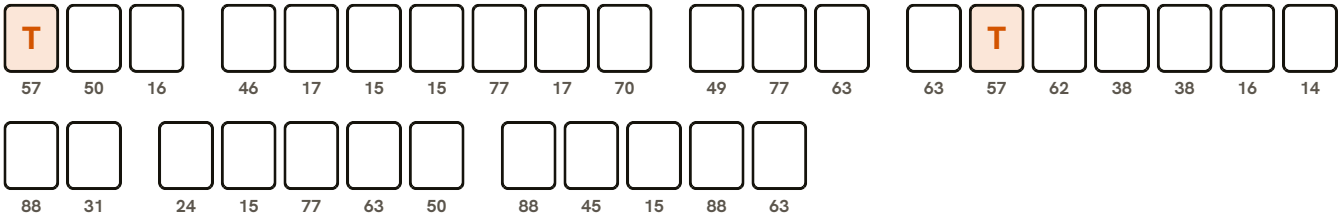
47 + 40 = ☐ → T	58 + 40 = ☐ → E	40 + 26 = ☐ → R
32 + 42 = ☐ → H	21 + 12 = ☐ → W	31 + 19 = ☐ → G
35 + 57 = ☐ → A	43 + 30 = ☐ → P	35 + 16 = ☐ → U
20 + 25 = ☐ → N	26 + 27 = ☐ → D	45 + 34 = ☐ → C
30 + 65 = ☐ → S	43 + 28 = ☐ → I	

Scratch space:

CLUE 3 Subtraction

The referee took away penalty yards from the total team distance to decode a hidden message.

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



66 - 9 = ☐ → T

90 - 2 = ☐ → B

39 - 1 = ☐ → P

51 - 20 = ☐ → Y

43 - 29 = ☐ → D

79 - 2 = ☐ → A

16 - 1 = ☐ → L

70 - 7 = ☐ → S

67 - 18 = ☐ → W

68 - 6 = ☐ → O

47 - 23 = ☐ → F

40 - 23 = ☐ → I

83 - 33 = ☐ → H

58 - 12 = ☐ → V

33 - 17 = ☐ → E

78 - 33 = ☐ → U

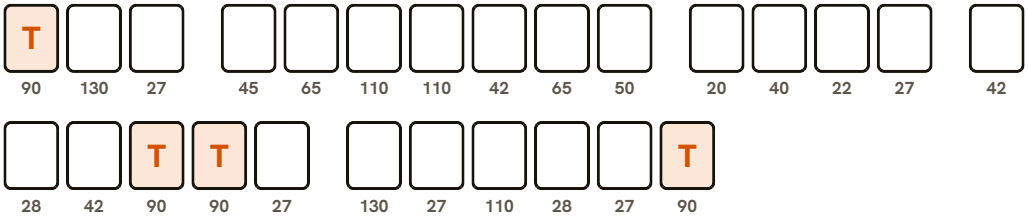
96 - 26 = ☐ → N

Scratch space:

CLUE 4 Skip counting

The field painter counted yard lines by tens to spot a clue written near the fifty.

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



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

Skip-count by 5s. Fill the blank: 5, 10, 15, ___, 25, 30 ☐ → W

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

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

Skip-count by 10s. Fill the blank: 10, 20, 30, ___, 50, 60 ☐ → O

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, ___, 30, 33 ☐ → E

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

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

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

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

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

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

Scratch space:

CLUE 5 Missing addends - the last clue

> The quarterback figured out the missing yards needed for a first down to reveal the final answer.

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:

6 + ___ = 9 ☐	4 + ___ = 15 ☐	10 + ___ = 19 ☐	3 + ___ = 11 ☐
4 + ___ = 6 ☐	8 + ___ = 13 ☐	1 + ___ = 2 ☐	8 + ___ = 14 ☐
7 + ___ = 14 ☐	4 + ___ = 16 ☐	9 + ___ = 13 ☐	

Step 2 - cross out the sentence with each answer:

1. The villain executed a slick spin move, then snatched a padded towel.
2. The villain leaped with a high hurdle jump, then pulled on grip gloves.
3. The villain pushed past with a stiff arm, then snatched a padded towel.
4. The villain executed a slick spin move, then laced up gold cleats.
5. The villain launched a rocket throw, then laced up gold cleats.
6. The villain leaped with a high hurdle jump, then strapped on an arm band.
7. The villain leaped with a high hurdle jump, then adjusted a tinted visor.
8. The villain dashed away in a speed sprint, then strapped on an arm band.
9. The villain dashed away in a speed sprint, then laced up gold cleats.
10. The villain pushed past with a stiff arm, then strapped on an arm band.
11. The villain leaped with a high hurdle jump, then laced up gold cleats.
12. The villain executed a slick spin move, then adjusted a tinted visor.

TEACHER / PARENT

Answer Key

The Golden Football Caper

Culprit: Myles Garrett

Stiff Arm · Arm Band · Right Handed · Matte Helmet · Flash Bulbs

Trail: Start 21 → Clue 1 15 → Clue 2 7 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Place value): "THE VILLAIN DOES NOT WEAR GRIP GLOVES"

What number has 3 tens and 4 ones? = 34 (T) · What number has 6 tens and 0 ones? = 60 (L) · What number has 8 tens and 6 ones? = 86 (H) · What number has 5 tens and 8 ones? = 58 (E) · What number has 9 tens and 0 ones? = 90 (O) · What number has 7 tens and 2 ones? = 72 (A) · What number has 1 ten and 6 ones? = 16 (G) · What number has 2 tens and 2 ones? = 22 (D) · What number has 2 tens and 3 ones? = 23 (W) · What number has 4 tens and 3 ones? = 43 (R) · What number has 9 tens and 3 ones? = 93 (S) · What number has 5 tens and 6 ones? = 56 (I) · What number has 6 tens and 8 ones? = 68 (N) · What number has 4 tens and 4 ones? = 44 (P) · What number has 8 tens and 7 ones? = 87 (V)

Clue 2 (Addition): "THE SUSPECT THREW THE PASS RIGHT HANDED"

47 + 40 = 87 (T) · 58 + 40 = 98 (E) · 40 + 26 = 66 (R) · 32 + 42 = 74 (H) · 21 + 12 = 33 (W) · 31 + 19 = 50 (G) · 35 + 57 = 92 (A) · 43 + 30 = 73 (P) · 35 + 16 = 51 (U) · 20 + 25 = 45 (N) · 26 + 27 = 53 (D) · 45 + 34 = 79 (C) · 30 + 65 = 95 (S) · 43 + 28 = 71 (I)

Clue 3 (Subtraction): "THE VILLAIN WAS STOPPED BY FLASH BULBS"

66 - 9 = 57 (T) · 90 - 2 = 88 (B) · 39 - 1 = 38 (P) · 51 - 20 = 31 (Y) · 43 - 29 = 14 (D) · 79 - 2 = 77 (A) · 16 - 1 = 15 (L) · 70 - 7 = 63 (S) · 67 - 18 = 49 (W) · 68 - 6 = 62 (O) · 47 - 23 = 24 (F) · 40 - 23 = 17 (I) · 83 - 33 = 50 (H) · 58 - 12 = 46 (V) · 33 - 17 = 16 (E) · 78 - 33 = 45 (U) · 96 - 26 = 70 (N)

Clue 4 (Skip counting): "THE VILLAIN WORE A MATTE HELMET"

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

Clue 5 (Missing addends): surviving statement is box 10 → Myles Garrett

6 + ___ = 9 = 3 · 4 + ___ = 15 = 11 · 10 + ___ = 19 = 9 · 3 + ___ = 11 = 8 · 4 + ___ = 6 = 2 · 8 + ___ = 13 = 5 · 1 + ___ = 2 = 1 · 8 + ___ = 14 = 6 · 7 + ___ = 14 = 7 · 4 + ___ = 16 = 12 · 9 + ___ = 13 = 4