



The Case of the Golden Playbook

Grade 1 math · Addition, Subtraction, Skip counting, Place value, Missing addends · Reading level grades 1-2

Detective: _____ Date: _____

Oh no! The Golden Playbook is gone right before the big game! The Head Coach needs your help. Look for clues around the turf and catch the Sneaky Mascot!

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 Sneaky Mascot is _____

Possible suspects

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

NAME	FOOTBALL POSITION	SPECIAL GEAR	THROWING HAND	HELMET HAIR STYLE	SILLY WEAKNESS
Hurts	fast run	gold helmet	left handed thrower	curly hair	loud whistles
Goff	high kick	neon cleats	left handed thrower	curly hair	squeaky shoes
Jefferson	fast run	foam finger	right handed thrower	spiky hair	bright lights
Mahomes	fast run	foam finger	left handed thrower	spiky hair	bright lights
Allen	high kick	neon cleats	right handed thrower	slick hair	bright lights
Hill	rocket throw	neon cleats	right handed thrower	curly hair	loud whistles
Jackson	rocket throw	visor mask	right handed thrower	slick hair	bright lights
Prescott	high kick	gold helmet	right handed thrower	curly hair	squeaky shoes
Bosa	high kick	gold helmet	left handed thrower	spiky hair	bright lights
Brady	fast run	foam finger	left handed thrower	spiky hair	squeaky shoes
Ramsey	big block	gold helmet	left handed thrower	slick hair	loud whistles
Kelce	super catch	sticky gloves	left handed thrower	curly hair	squeaky shoes
Diggs	big block	gold helmet	left handed thrower	slick hair	squeaky shoes
Chase	fast run	foam finger	right handed thrower	curly hair	squeaky shoes
Tucker	high kick	neon cleats	left handed thrower	spiky hair	bright lights
Burrow	high kick	neon cleats	right handed thrower	curly hair	loud whistles
Samuel	fast run	gold helmet	right handed thrower	slick hair	squeaky shoes
Miller	big block	visor mask	right handed thrower	curly hair	squeaky shoes
Donald	rocket throw	gold helmet	right handed thrower	curly hair	squeaky shoes
Rodgers	super catch	neon cleats	left handed thrower	curly hair	loud whistles
Henry	super catch	sticky gloves	right handed thrower	curly hair	squeaky shoes

CLUE 1 Addition

We need to add up the points from the first half. The scoreboard is broken. Help us count them to find a clue!

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

T																		T
5	17	16	4	9	16	3	15	20	11	13	16	19	13	16	4	9	13	5
18	16	3	8	3	6	10	4	13	8	14	3	4	15					

$4 + 1 = \square \rightarrow$ T	$1 + 3 = \square \rightarrow$ S	$1 + 2 = \square \rightarrow$ A	$9 + 4 = \square \rightarrow$ O
$4 + 6 = \square \rightarrow$ I	$9 + 10 = \square \rightarrow$ D	$5 + 1 = \square \rightarrow$ V	$4 + 5 = \square \rightarrow$ N
$8 + 7 = \square \rightarrow$ K	$3 + 8 = \square \rightarrow$ F	$7 + 7 = \square \rightarrow$ M	$11 + 7 = \square \rightarrow$ W
$5 + 11 = \square \rightarrow$ E	$14 + 6 = \square \rightarrow$ Y	$11 + 6 = \square \rightarrow$ H	
$6 + 2 = \square \rightarrow$ R			

Scratch space:

CLUE 2

The coach lost some footballs from the bag. We must subtract the missing ones to see who was in the locker room!

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

13 15 10 18 7 10 17 4 8 6 7 10 13 15 2 6 14 18

14 3 13 15 13 15 10 2 3 19 15 13 15 17 7 1

$$10 - 3 = \boxed{} \rightarrow \boxed{\text{N}}$$

$7 - 6 = \square \rightarrow \boxed{\mathbf{D}}$

$$20 - 1 = \boxed{} \rightarrow \boxed{\mathbf{G}}$$

$$5 - 2 = \boxed{} \rightarrow \boxed{1}$$

Scratch space:

CLUE 3 Skip counting

Let us count the yard lines on the field. Jump by tens to find where the sneaky player ran!

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

S							S				S				
26	22	24	28	39	120	36	26	50	20	28	26	12	27	8	8

S												
26	10	39	30	28	70	50	28	70	50	27	28	45

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, __, 35, 40 → **R**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, __, 12, 14 → **C**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, __, 39, 42 → **Y**

Skip-count by 2s. Fill the blank: 2, 4, 6, __, 10, 12 → **L**

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, __, 30, 33 → **I**

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, __, 50, 55 → **F**

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, __, 14, 16 → **W**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, __, 60, 70 → **H**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, __, 42, 45 → **A**

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

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

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

Scratch space:

CLUE 4
Place value

Look at the jersey numbers on the bench. Use tens and ones to decode the secret jersey locker!

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

W															
55	14	39	77	38	49	36	67	38	95	99	64	94	84	97	95
92	94	14	92	38	95	39									

What number has 5 tens and 5 ones? → **W**

What number has 9 tens and 5 ones? → **R**

What number has 9 tens and 7 ones? → **I**

What number has 6 tens and 7 ones? → **C**

What number has 8 tens and 4 ones? → **A**

What number has 3 tens and 6 ones? → **D**

What number has 9 tens and 2 ones? → **T**

What number has 4 tens and 9 ones? → **N**

What number has 9 tens and 4 ones? → **H**

What number has 3 tens and 9 ones? → **F**

What number has 9 tens and 9 ones? → **L**

What number has 1 ten and 4 ones? → **E**

What number has 3 tens and 8 ones? → **U**

What number has 7 tens and 7 ones? → **O**

What number has 6 tens and 4 ones? → **Y**

Scratch space:

CLUE 5**Missing addends - the last clue**

We have seven water bottles but we need ten. Find how many are missing to unlock the final playbook!

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:

$9 + \underline{\quad} = 15$

$8 + \underline{\quad} = 12$

$7 + \underline{\quad} = 12$

$3 + \underline{\quad} = 5$

$5 + \underline{\quad} = 6$

$7 + \underline{\quad} = 14$

$9 + \underline{\quad} = 20$

$6 + \underline{\quad} = 15$

$8 + \underline{\quad} = 20$

$2 + \underline{\quad} = 5$

$10 + \underline{\quad} = 20$

Step 2 - cross out the sentence with each answer:

1. The villain launches the ball with a high kick, then hides their face behind a visor mask.
2. The villain knocks over obstacles with a big block, then hides their face behind a visor mask.
3. The villain leaps for a super catch, then hides their face behind a visor mask.
4. The villain dash away with a fast run, then waves a giant foam finger.
5. The villain makes a rocket throw, then shines bright in a gold helmet.
6. The villain launches the ball with a high kick, then shines bright in a gold helmet.
7. The villain leaps for a super catch, then shines bright in a gold helmet.
8. The villain leaps for a super catch, then grabs the trophy with sticky gloves.
9. The villain dash away with a fast run, then grabs the trophy with sticky gloves.
10. The villain knocks over obstacles with a big block, then grabs the trophy with sticky gloves.
11. The villain leaps for a super catch, then leaves turf marks with neon cleats.
12. The villain leaps for a super catch, then waves a giant foam finger.

Answer Key

The Case of the Golden Playbook

Culprit: Henry

super catch · sticky gloves · right handed thrower · curly hair · squeaky shoes

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

Clue 1 (Addition): "THE SNEAKY FOE DOES NOT WEAR A VISOR MASK"

$4 + 1 = 5$ (T) · $1 + 3 = 4$ (S) · $1 + 2 = 3$ (A) · $9 + 4 = 13$ (O) · $4 + 6 = 10$ (I) · $9 + 10 = 19$ (D) · $5 + 1 = 6$ (V) · $4 + 5 = 9$ (N) · $8 + 7 = 15$ (K) · $3 + 8 = 11$ (F) · $7 + 7 = 14$ (M) · $11 + 7 = 18$ (W) · $5 + 11 = 16$ (E) · $14 + 6 = 20$ (Y) · $11 + 6 = 17$ (H) · $6 + 2 = 8$ (R)

Clue 2 (Subtraction): "THE SNEAKY ONE THROWS WITH THE RIGHT HAND"

$19 - 6 = 13$ (T) · $19 - 2 = 17$ (A) · $7 - 5 = 2$ (R) · $10 - 3 = 7$ (N) · $10 - 6 = 4$ (K) · $16 - 8 = 8$ (Y) · $17 - 3 = 14$ (W) · $7 - 6 = 1$ (D) · $20 - 2 = 18$ (S) · $15 - 5 = 10$ (E) · $20 - 1 = 19$ (G) · $18 - 3 = 15$ (H) · $9 - 3 = 6$ (O) · $5 - 2 = 3$ (I)

Clue 3 (Skip counting): "SQUEAKY SHOES WILL SCARE THE THIEF"

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

Clue 4 (Place value): "WE FOUND CURLY HAIR ON THE TURF"

What number has 5 tens and 5 ones? = 55 (W) · What number has 9 tens and 5 ones? = 95 (R) · What number has 9 tens and 7 ones? = 97 (I) · What number has 6 tens and 7 ones? = 67 (C) · What number has 8 tens and 4 ones? = 84 (A) · What number has 3 tens and 6 ones? = 36 (D) · What number has 9 tens and 2 ones? = 92 (T) · What number has 4 tens and 9 ones? = 49 (N) · What number has 9 tens and 4 ones? = 94 (H) · What number has 3 tens and 9 ones? = 39 (F) · What number has 9 tens and 9 ones? = 99 (L) · What number has 1 ten and 4 ones? = 14 (E) · What number has 3 tens and 8 ones? = 38 (U) · What number has 7 tens and 7 ones? = 77 (O) · What number has 6 tens and 4 ones? = 64 (Y)

Clue 5 (Missing addends): surviving statement is box 8 → Henry

$9 + \underline{\quad} = 15 = 6$ · $8 + \underline{\quad} = 12 = 4$ · $7 + \underline{\quad} = 12 = 5$ · $3 + \underline{\quad} = 5 = 2$ · $5 + \underline{\quad} = 6 = 1$ · $7 + \underline{\quad} = 14 = 7$ · $9 + \underline{\quad} = 20 = 11$ · $6 + \underline{\quad} = 15 = 9$ · $8 + \underline{\quad} = 20 = 12$ · $2 + \underline{\quad} = 5 = 3$ · $10 + \underline{\quad} = 20 = 10$