

The Great Soccer Heist

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

Detective: _____ Date: _____

The gold championship trophy has vanished right before the big game! The stadium gates are locked, and only a superstar player could have gotten past the security lasers. Coach Terry needs your help to find the thief before the final whistle blows!

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

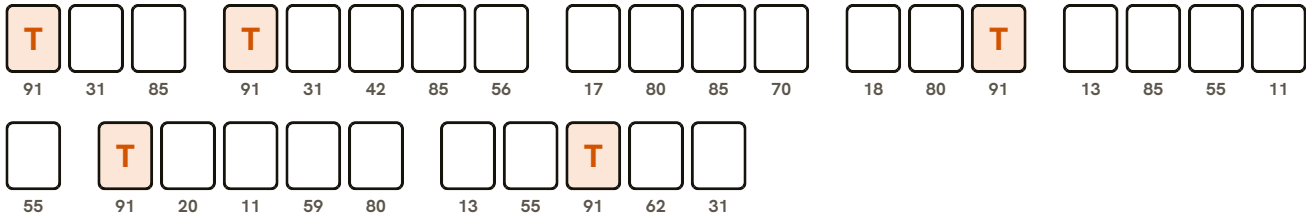
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	SIGNATURE MOVE	SPECIAL GEAR	PREFERRED FOOT	HAIR STYLE	SNACK DISLIKE
Harry Kane	Bicycle Kick	Laser Visor	Right-footed	Curly Ponytail	Squeaky Toys
Mohamed Salah	Star Dribble	Grip Gloves	Left-footed	Green Hair Dye	Squeaky Toys
Megan Rapinoe	Bicycle Kick	Golden Cleats	Left-footed	Green Hair Dye	Squeaky Toys
Kevin De Bruyne	Slide Tackle	Laser Visor	Right-footed	Green Hair Dye	Squeaky Toys
Diego Maradona	Star Dribble	Golden Cleats	Left-footed	Curly Ponytail	Squeaky Toys
Sam Kerr	Slide Tackle	Vapor Socks	Left-footed	Curly Ponytail	Squeaky Toys
Son Heungmin	Slide Tackle	Laser Visor	Left-footed	Neon Headband	Cold Drinks
Neymar Jr	Slide Tackle	Golden Cleats	Left-footed	Green Hair Dye	Spicy Chips
Luka Modric	Slide Tackle	Grip Gloves	Left-footed	Curly Ponytail	Cold Drinks
Zinedine Zidane	Star Dribble	Laser Visor	Left-footed	Green Hair Dye	Squeaky Toys
Lionel Messi	Star Dribble	Turbo Watch	Right-footed	Neon Headband	Spicy Chips
Kylian Mbappe	Super Header	Golden Cleats	Right-footed	Neon Headband	Squeaky Toys
Cristiano Ronaldo	Rocket Shot	Laser Visor	Left-footed	Green Hair Dye	Squeaky Toys
Abby Wambach	Slide Tackle	Laser Visor	Left-footed	Curly Ponytail	Squeaky Toys
David Beckham	Rocket Shot	Turbo Watch	Left-footed	Green Hair Dye	Squeaky Toys
Lucy Bronze	Bicycle Kick	Golden Cleats	Right-footed	Curly Ponytail	Cold Drinks
Erling Haaland	Bicycle Kick	Golden Cleats	Left-footed	Curly Ponytail	Cold Drinks
Marta Vieira	Rocket Shot	Vapor Socks	Left-footed	Curly Ponytail	Squeaky Toys
Bukayo Saka	Bicycle Kick	Vapor Socks	Right-footed	Green Hair Dye	Squeaky Toys
Marcus Rashford	Bicycle Kick	Laser Visor	Left-footed	Neon Headband	Cold Drinks
Alex Morgan	Bicycle Kick	Grip Gloves	Left-footed	Green Hair Dye	Spicy Chips

CLUE 1 Place value

The scoreboard shows jersey numbers in place value blocks of hundreds and tens. Count them up to see which player gear we can rule out first.

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



What number has 9 tens and 1 one? → **T**

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

What number has 7 tens and 0 ones? → **S**

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

What number has 5 tens and 6 ones? → **F**

What number has 6 tens and 2 ones? → **C**

What number has 2 tens and 0 ones? → **U**

What number has 1 ten and 1 one? → **R**

What number has 1 ten and 3 ones? → **W**

What number has 3 tens and 1 one? → **H**

What number has 4 tens and 2 ones? → **I**

What number has 1 ten and 8 ones? → **N**

What number has 1 ten and 7 ones? → **D**

What number has 8 tens and 0 ones? → **O**

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

Scratch space:

CLUE 2 Addition

We need to tally up all the soccer balls on the practice rack. Add the groups together to open the locker room door.

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

T			T												T	
62	22	28	62	22	54	28	83	25	54	98	25	65	73	54	62	22
T						T					T					
62	22	28	24	28	83	62		83	29	29	62					

$33 + 29 = \square \rightarrow$ T	$12 + 16 = \square \rightarrow$ E	$8 + 17 = \square \rightarrow$ K
$8 + 16 = \square \rightarrow$ L	$29 + 69 = \square \rightarrow$ C	$50 + 23 = \square \rightarrow$ W
$32 + 22 = \square \rightarrow$ I	$13 + 9 = \square \rightarrow$ H	$16 + 13 = \square \rightarrow$ O
$39 + 44 = \square \rightarrow$ F	$30 + 35 = \square \rightarrow$ S	

Scratch space:

CLUE 3 Subtraction

The thief dropped a box of soccer cones on the grass. Subtract the ones left over to find a hidden clue underneath.

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

T			T												
51	76	42	51	76	64	42	60	39	56	78	53	60	39	54	33
										T					
53	69	56	42	86	43	32	28	54	82	51	54	32	53		

$73 - 22 = \square \rightarrow \text{T}$	$52 - 20 = \square \rightarrow \text{Y}$	$63 - 20 = \square \rightarrow \text{K}$
$64 - 11 = \square \rightarrow \text{S}$	$70 - 31 = \square \rightarrow \text{R}$	$81 - 12 = \square \rightarrow \text{Q}$
$116 - 34 = \square \rightarrow \text{G}$	$65 - 37 = \square \rightarrow \text{D}$	$74 - 10 = \square \rightarrow \text{I}$
$66 - 6 = \square \rightarrow \text{F}$	$86 - 8 = \square \rightarrow \text{N}$	$60 - 4 = \square \rightarrow \text{U}$
$93 - 17 = \square \rightarrow \text{H}$	$89 - 35 = \square \rightarrow \text{O}$	$95 - 9 = \square \rightarrow \text{A}$
$77 - 35 = \square \rightarrow \text{E}$	$49 - 16 = \square \rightarrow \text{M}$	

Scratch space:

CLUE 4 Skip counting

The team socks are hanging on the line in pairs. Skip count by twos to reach the laundry bin and find the next hint.

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

W																	
25	6	40	120	22	70	14	18	16	15	80	120	40	30	27	6	6	70
36	42	16	27	14	60	6											

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, __, 30, 35 → **W**

Skip-count by 2s. Fill the blank: 2, 4, __, 8, 10 → **E**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, __, 70, 80 → **Y**

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

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

Skip-count by 5s. Fill the blank: 5, 10, __, 20, 25 → **T**

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 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, __, 45, 50 → **F**

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

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

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

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

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, __, 80, 90 → **N**

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

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

Scratch space:

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

The water bottle holder is supposed to be full but some are missing. Find the missing number of bottles to reveal the final secret.

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:

$2 + \underline{\quad} = 10$

$4 + \underline{\quad} = 8$

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

$2 + \underline{\quad} = 9$

$4 + \underline{\quad} = 15$

$9 + \underline{\quad} = 12$

$5 + \underline{\quad} = 7$

$9 + \underline{\quad} = 10$

$5 + \underline{\quad} = 11$

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

$5 + \underline{\quad} = 17$

Step 2 - cross out the sentence with each answer:

1. The villain performs a rocket shot, then taps a turbo watch.
2. The villain performs a rocket shot, then pulls up vapor socks.
3. The villain uses a star dribble, then taps a turbo watch.
4. The villain uses a star dribble, then activates a laser visor.
5. The villain uses a star dribble, then tightens grip gloves.
6. The villain does a bicycle kick, then taps a turbo watch.
7. The villain uses a star dribble, then flashes golden cleats.
8. The villain does a bicycle kick, then flashes golden cleats.
9. The villain executes a super header, then tightens grip gloves.
10. The villain performs a rocket shot, then activates a laser visor.
11. The villain does a bicycle kick, then pulls up vapor socks.
12. The villain executes a super header, then taps a turbo watch.

Answer Key

The Great Soccer Heist

Culprit: Mohamed Salah

Star Dribble · Grip Gloves · Left-footed · Green Hair Dye · Squeaky Toys

Trail: Start 21 → Clue 1 19 → Clue 2 14 → Clue 3 8 → Clue 4 4 → Clue 5 1

Clue 1 (Place value): "THE THIEF DOES NOT WEAR A TURBO WATCH"

What number has 9 tens and 1 one? = 91 (T) · What number has 5 tens and 9 ones? = 59 (B) · What number has 7 tens and 0 ones? = 70 (S) · What number has 8 tens and 5 ones? = 85 (E) · What number has 5 tens and 6 ones? = 56 (F) · What number has 6 tens and 2 ones? = 62 (C) · What number has 2 tens and 0 ones? = 20 (U) · What number has 1 ten and 1 one? = 11 (R) · What number has 1 ten and 3 ones? = 13 (W) · What number has 3 tens and 1 one? = 31 (H) · What number has 4 tens and 2 ones? = 42 (I) · What number has 1 ten and 8 ones? = 18 (N) · What number has 1 ten and 7 ones? = 17 (D) · What number has 8 tens and 0 ones? = 80 (O) · What number has 5 tens and 5 ones? = 55 (A)

Clue 2 (Addition): "THE THIEF KICKS WITH THE LEFT FOOT"

$33 + 29 = 62$ (T) · $12 + 16 = 28$ (E) · $8 + 17 = 25$ (K) · $8 + 16 = 24$ (L) · $29 + 69 = 98$ (C) · $50 + 23 = 73$ (W) · $32 + 22 = 54$ (I) · $13 + 9 = 22$ (H) · $16 + 13 = 29$ (O) · $39 + 44 = 83$ (F) · $30 + 35 = 65$ (S)

Clue 3 (Subtraction): "THE THIEF RUNS FROM SQUEAKY DOG TOYS"

$73 - 22 = 51$ (T) · $52 - 20 = 32$ (Y) · $63 - 20 = 43$ (K) · $64 - 11 = 53$ (S) · $70 - 31 = 39$ (R) · $81 - 12 = 69$ (Q) · $116 - 34 = 82$ (G) · $65 - 37 = 28$ (D) · $74 - 10 = 64$ (I) · $66 - 6 = 60$ (F) · $86 - 8 = 78$ (N) · $60 - 4 = 56$ (U) · $93 - 17 = 76$ (H) · $89 - 35 = 54$ (O) · $95 - 9 = 86$ (A) · $77 - 35 = 42$ (E) · $49 - 16 = 33$ (M)

Clue 4 (Skip counting): "WE FOUND BITS OF GREEN HAIR DYE"

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, __, 30, 35 = 25 (W) · Skip-count by 2s. Fill the blank: 2, 4, __, 8, 10 = 6 (E) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, __, 70, 80 = 60 (Y) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, __, 18, 20 = 16 (I) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, __, 24, 26 = 22 (U) · Skip-count by 5s. Fill the blank: 5, 10, __, 20, 25 = 15 (T) · 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 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, __, 45, 50 = 40 (F) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, __, 30, 33 = 27 (R) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, __, 39, 42 = 36 (H) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, __, 35, 40 = 30 (G) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, __, 21, 24 = 18 (B) · 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, __, 80, 90 = 70 (N) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, __, 90, 100 = 80 (S) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, __, 16, 18 = 14 (D)

Clue 5 (Missing addends): surviving statement is box 5 → Mohamed Salah

$2 + \underline{\quad} = 10 = 8$ · $4 + \underline{\quad} = 8 = 4$ · $10 + \underline{\quad} = 20 = 10$ · $2 + \underline{\quad} = 9 = 7$ · $4 + \underline{\quad} = 15 = 11$ · $9 + \underline{\quad} = 12 = 3$ · $5 + \underline{\quad} = 7 = 2$ · $9 + \underline{\quad} = 10 = 1$ · $5 + \underline{\quad} = 11 = 6$ · $6 + \underline{\quad} = 15 = 9$ · $5 + \underline{\quad} = 17 = 12$