



The Golden Trophy Mystery

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

Detective: _____ **Date:** _____

Right before the final match, the Golden Championship Trophy vanished from the locker room! A rogue stadium sneak left mysterious training clues all across the soccer pitch.

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 stadium sneak is _____

Possible suspects

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

NAME	SIGNATURE KICK	GEAR CHOICE	DOMINANT FOOT	CLEAT COLOR	DRILL COUNTER
Bukayo Saka	Chip Shot	Agility Ladder	Right Footed	Bright Red Cleats	Cone Weave Drill
Sam Kerr	Precision Volley	Resistance Band	Right Footed	Bright Red Cleats	Cone Weave Drill
Rose Lavelle	Chip Shot	Weighted Ball	Left Footed	Bright Red Cleats	Cone Weave Drill
Marcus Rashford	Power Blast	GPS Vest	Right Footed	Bright Red Cleats	Cone Weave Drill
Harry Kane	Precision Volley	GPS Vest	Left Footed	Neon Yellow Cleats	Wall Pass Drill
Megan Rapinoe	Power Blast	Padded Gloves	Right Footed	Bright Red Cleats	Header Drill
Kylian Mbappe	Banana Curve	Agility Ladder	Right Footed	Bright Red Cleats	Cone Weave Drill
Marta	Power Blast	Weighted Ball	Right Footed	Neon Yellow Cleats	Cone Weave Drill
Antoine Griezmann	Precision Volley	Padded Gloves	Right Footed	Cobalt Blue Cleats	Cone Weave Drill
Luka Modric	Precision Volley	Padded Gloves	Right Footed	Bright Red Cleats	Cone Weave Drill
Lionel Messi	Precision Volley	GPS Vest	Left Footed	Cobalt Blue Cleats	Wall Pass Drill
Pedri	Knuckleball	Agility Ladder	Left Footed	Bright Red Cleats	Header Drill
Alex Morgan	Chip Shot	Resistance Band	Right Footed	Bright Red Cleats	Cone Weave Drill
Son Heung min	Knuckleball	Weighted Ball	Right Footed	Bright Red Cleats	Wall Pass Drill
Mohamed Salah	Chip Shot	Agility Ladder	Left Footed	Neon Yellow Cleats	Header Drill
Bruno Fernandes	Banana Curve	Weighted Ball	Right Footed	Bright Red Cleats	Wall Pass Drill
Kevin De Bruyne	Precision Volley	Resistance Band	Right Footed	Neon Yellow Cleats	Cone Weave Drill
Virgil van Dijk	Banana Curve	Resistance Band	Right Footed	Bright Red Cleats	Wall Pass Drill
Erling Haaland	Knuckleball	Resistance Band	Right Footed	Neon Yellow Cleats	Cone Weave Drill
Cristiano Ronaldo	Knuckleball	Padded Gloves	Left Footed	Bright Red Cleats	Header Drill
Alisha Lehmann	Chip Shot	Weighted Ball	Right Footed	Neon Yellow Cleats	Cone Weave Drill

CLUE 1

The giant digital stadium scoreboard flashed a scrambled number code. Looking closely at the tens digit uncovers the first clue.

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

25 71 26 96 92 96 28 26 62 25 79 58 26 96 43 58 25

92 96 26 69 43 69 82 33 90 33 25 48 90 69 79 79 26 47

What number has 2 tens and 5 ones? → **T**

What number has 6 tens and 9 ones? → **A**

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

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

What number has 9 tens and 6 ones?	→	S
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What number has 2 tens and 6 ones?	→	E
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What number has 9 tens and 2 ones? → **U**

What number has 5 tens and 8 ones? → ☒

What number has 2 tens and 8 ones? → **P**

What number has 7 tens and 1 one? → **H**

What number has 4 tens and 7 ones?	→	R
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What number has 6 tens and 2 ones?	→	C
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What number has 4 tens and 3 ones? → **N**

What number has 9 tens and 0 ones? → **L**

What number has 8 tens and 2 ones? → **G**

What number has 3 tens and 3 ones? →

Scratch space:

CLUE 2

Addition

Coach Alex counted up all the match day soccer balls on the pitch to unlock a hidden note on the sideline.

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

W									W						
76	67	55	38	93	36	36	36	65	76	65	59	67	41	97	55

30	39	39	55	93	44	33	67	57	33

$32 + 44 = \square \rightarrow \boxed{\text{W}}$

$23 + 13 = \square \rightarrow \boxed{\text{S}}$

$19 + 20 = \square \rightarrow \boxed{\text{O}}$

$26 + 41 = \square \rightarrow \boxed{\text{I}}$

$16 + 39 = \square \rightarrow \boxed{\text{T}}$

$49 + 48 = \square \rightarrow \boxed{\text{H}}$

$21 + 9 = \square \rightarrow \boxed{\text{F}}$

$12 + 26 = \square \rightarrow \boxed{\text{N}}$

$19 + 46 = \square \rightarrow \boxed{\text{A}}$

$14 + 30 = \square \rightarrow \boxed{\text{D}}$

$9 + 24 = \square \rightarrow \boxed{\text{K}}$

$33 + 24 = \square \rightarrow \boxed{\text{C}}$

$23 + 18 = \square \rightarrow \boxed{\text{G}}$

$45 + 48 = \square \rightarrow \boxed{\text{E}}$

$40 + 19 = \square \rightarrow \boxed{\text{R}}$

Scratch space:

CLUE 3

Subtraction

After subtracting the stolen practice cones from the warmup gear, a message appeared printed on the grass.

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

T															
75	46	85	73	85	42	85	16	73	85	11	23	77	85	73	63
62	54	16	85	32	85	63	61	85	73	11	70	88	88		

$82 - 7 = \square \rightarrow \boxed{\text{T}}$

$79 - 37 = \square \rightarrow \boxed{\text{F}}$

$92 - 31 = \square \rightarrow \boxed{\text{V}}$

$100 - 37 = \square \rightarrow \boxed{\text{A}}$

$124 - 36 = \square \rightarrow \boxed{\text{L}}$

$81 - 4 = \square \rightarrow \boxed{\text{S}}$

$79 - 25 = \square \rightarrow \boxed{\text{O}}$

$44 - 33 = \square \rightarrow \boxed{\text{R}}$

$81 - 11 = \square \rightarrow \boxed{\text{I}}$

$34 - 11 = \square \rightarrow \boxed{\text{U}}$

$96 - 34 = \square \rightarrow \boxed{\text{C}}$

$92 - 19 = \square \rightarrow \boxed{\text{D}}$

$106 - 21 = \square \rightarrow \boxed{\text{E}}$

$65 - 19 = \square \rightarrow \boxed{\text{H}}$

$27 - 11 = \square \rightarrow \boxed{\text{N}}$

$63 - 31 = \square \rightarrow \boxed{\text{W}}$

Scratch space:

CLUE 4 Skip counting

Counting stadium seat rows by fives led the detective right to a locked kit bag hidden near the tunnel.

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

T									T										T
35	50	39	21	45	39	25	120	35	90	90	80	15	22	65	39	25	8	80	35
								T											
39	24	26	28	27	24	14	35	90											

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, __, 40, 45 → **T**

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

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

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

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

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

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

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

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

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

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

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

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, __, 24, 27 → **F**

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

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, __, 26, 28 → **E**

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

Scratch space:

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

By finding how many extra water bottles were needed to finish filling the cooler, the final note popped open.

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:

$6 + \underline{\quad} = 17$

$3 + \underline{\quad} = 7$

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

$2 + \underline{\quad} = 8$

$10 + \underline{\quad} = 11$

$2 + \underline{\quad} = 12$

$6 + \underline{\quad} = 13$

$6 + \underline{\quad} = 8$

$8 + \underline{\quad} = 17$

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

$3 + \underline{\quad} = 15$

Step 2 - cross out the sentence with each answer:

1. The villain scores with a power blast, then sets up an agility ladder.
2. The villain scores with a banana curve, then stretches a resistance band.
3. The villain scores with a precision volley, then stretches a resistance band.
4. The villain scores with a chip shot, then stretches a resistance band.
5. The villain scores with a power blast, then wears a gps vest.
6. The villain scores with a power blast, then straps on padded gloves.
7. The villain scores with a banana curve, then sets up an agility ladder.
8. The villain scores with a banana curve, then straps on padded gloves.
9. The villain scores with a knuckleball, then wears a gps vest.
10. The villain scores with a precision volley, then trains with a weighted ball.
11. The villain scores with a precision volley, then straps on padded gloves.
12. The villain scores with a precision volley, then wears a gps vest.

Answer Key

The Golden Trophy Mystery

Culprit: Marcus Rashford

Power Blast · GPS Vest · Right Footed · Bright Red Cleats · Cone Weave Drill

Trail: Start 21 → Clue 1 17 → Clue 2 13 → Clue 3 9 → Clue 4 4 → Clue 5 1

Clue 1 (Place value): "THE SUSPECT DOES NOT USE AN AGILITY LADDER"

What number has 2 tens and 5 ones? = 25 (T) · What number has 6 tens and 9 ones? = 69 (A) · What number has 7 tens and 9 ones? = 79 (D) · What number has 4 tens and 8 ones? = 48 (Y) · What number has 9 tens and 6 ones? = 96 (S) · What number has 2 tens and 6 ones? = 26 (E) · What number has 9 tens and 2 ones? = 92 (U) · What number has 5 tens and 8 ones? = 58 (O) · What number has 2 tens and 8 ones? = 28 (P) · What number has 7 tens and 1 one? = 71 (H) · What number has 4 tens and 7 ones? = 47 (R) · What number has 6 tens and 2 ones? = 62 (C) · What number has 4 tens and 3 ones? = 43 (N) · What number has 9 tens and 0 ones? = 90 (L) · What number has 8 tens and 2 ones? = 82 (G) · What number has 3 tens and 3 ones? = 33 (I)

Clue 2 (Addition): "WITNESS SAW A RIGHT FOOTED KICK"

$32 + 44 = 76$ (W) · $23 + 13 = 36$ (S) · $19 + 20 = 39$ (O) · $26 + 41 = 67$ (I) · $16 + 39 = 55$ (T) · $49 + 48 = 97$ (H) · $21 + 9 = 30$ (F) · $12 + 26 = 38$ (N) · $19 + 46 = 65$ (A) · $14 + 30 = 44$ (D) · $9 + 24 = 33$ (K) · $33 + 24 = 57$ (C) · $23 + 18 = 41$ (G) · $45 + 48 = 93$ (E) · $40 + 19 = 59$ (R)

Clue 3 (Subtraction): "THE DEFENDER USED A CONE WEAVE DRILL"

$82 - 7 = 75$ (T) · $79 - 37 = 42$ (F) · $92 - 31 = 61$ (V) · $100 - 37 = 63$ (A) · $124 - 36 = 88$ (L) · $81 - 4 = 77$ (S) · $79 - 25 = 54$ (O) · $44 - 33 = 11$ (R) · $81 - 11 = 70$ (I) · $34 - 11 = 23$ (U) · $96 - 34 = 62$ (C) · $92 - 19 = 73$ (D) · $106 - 21 = 85$ (E) · $65 - 19 = 46$ (H) · $27 - 11 = 16$ (N) · $63 - 31 = 32$ (W)

Clue 4 (Skip counting): "TURF PRINTS SHOW BRIGHT RED CLEATS"

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

Clue 5 (Missing addends): surviving statement is box 5 → Marcus Rashford

$6 + \underline{\quad} = 17 = 11$ · $3 + \underline{\quad} = 7 = 4$ · $2 + \underline{\quad} = 5 = 3$ · $2 + \underline{\quad} = 8 = 6$ · $10 + \underline{\quad} = 11 = 1$ · $2 + \underline{\quad} = 12 = 10$ · $6 + \underline{\quad} = 13 = 7$ · $6 + \underline{\quad} = 8 = 2$ · $8 + \underline{\quad} = 17 = 9$ · $2 + \underline{\quad} = 10 = 8$ · $3 + \underline{\quad} = 15 = 12$