



The Missing Golden Cup

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

Detective: _____ Date: _____

Oh no! The Golden Championship Cup is missing from the trophy room! The Head Coach needs your help. Look for clues around the soccer field to find the Sneaky Striker.

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 Striker is _____

Possible suspects

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

NAME	SIGNATURE SHOT	GOALIE GLOVE	FAVORED FOOT	HEADBAND COLOR	FEARS
Cristiano	Rocket Shot	Super Spring	Kicks Right	Neon Green	Muddy Patches
Bukayo	Zigzag Dribble	Sticky Grip	Kicks Right	Bright Blue	Loud Whistles
Alex	Bicycle Kick	Steel Shield	Kicks Left	Fiery Orange	Shiny Medals
Mohamed	Zigzag Dribble	Turbo Speed	Kicks Left	Bright Blue	Shiny Medals
Sonny	Rocket Shot	Turbo Speed	Kicks Left	Fiery Orange	Loud Whistles
Kylian	Rocket Shot	Super Spring	Kicks Left	Bright Blue	Muddy Patches
Mia	Curve Kick	Laser Vision	Kicks Left	Fiery Orange	Loud Whistles
Zinedine	Power Header	Laser Vision	Kicks Left	Bright Blue	Shiny Medals
Luka	Curve Kick	Super Spring	Kicks Left	Bright Blue	Shiny Medals
Kevin	Power Header	Super Spring	Kicks Right	Neon Green	Muddy Patches
Marcus	Bicycle Kick	Laser Vision	Kicks Left	Fiery Orange	Shiny Medals
Wendie	Rocket Shot	Super Spring	Kicks Left	Bright Blue	Shiny Medals
Neymar	Zigzag Dribble	Sticky Grip	Kicks Left	Bright Blue	Shiny Medals
Megan	Rocket Shot	Laser Vision	Kicks Left	Bright Blue	Shiny Medals
Pele	Rocket Shot	Laser Vision	Kicks Left	Neon Green	Loud Whistles
Erling	Zigzag Dribble	Sticky Grip	Kicks Right	Neon Green	Loud Whistles
Sam	Curve Kick	Super Spring	Kicks Right	Bright Blue	Shiny Medals
Lucy	Curve Kick	Turbo Speed	Kicks Right	Bright Blue	Shiny Medals
Karim	Power Header	Turbo Speed	Kicks Right	Bright Blue	Muddy Patches
Antoine	Rocket Shot	Laser Vision	Kicks Left	Bright Blue	Loud Whistles
Diego	Zigzag Dribble	Super Spring	Kicks Right	Neon Green	Shiny Medals

CLUE 1

Addition

We need to count the soccer balls. Let's add the balls in the big bag and the balls on the grass.

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

T																	T
90	35	32	62	68	76	76	45	68	36	39	67	32	69	36	67	90	

35	45	62	32	76	45	69	32	21	62	68	69	68	67	36

$62 + 28 = \square \rightarrow \boxed{\text{T}}$

$47 + 21 = \square \rightarrow \boxed{\text{I}}$

$28 + 48 = \square \rightarrow \boxed{\text{L}}$

$27 + 40 = \square \rightarrow \boxed{\text{O}}$

$22 + 10 = \square \rightarrow \boxed{\text{E}}$

$40 + 29 = \square \rightarrow \boxed{\text{S}}$

$8 + 13 = \square \rightarrow \boxed{\text{R}}$

$17 + 28 = \square \rightarrow \boxed{\text{A}}$

$18 + 21 = \square \rightarrow \boxed{\text{D}}$

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

$24 + 11 = \square \rightarrow \boxed{\text{H}}$

$27 + 35 = \square \rightarrow \boxed{\text{V}}$

Scratch space:

CLUE 2
Multiplication facts (1-12)

Look at the training cones. They are set up in equal rows. Let's find how many there are.

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

T														T					
14	24	12	64	6	12	56	18	12	40	33	40	32	6	14	64	24	36	90	64

				T				
56	9	12	45	14	18	32	8	18

$2 \times 7 = \square \rightarrow \text{T}$	$9 \times 10 = \square \rightarrow \text{W}$	$2 \times 12 = \square \rightarrow \text{H}$	
$9 \times 5 = \square \rightarrow \text{F}$	$7 \times 8 = \square \rightarrow \text{A}$	$4 \times 10 = \square \rightarrow \text{R}$	
$3 \times 12 = \square \rightarrow \text{O}$	$4 \times 8 = \square \rightarrow \text{I}$	$4 \times 2 = \square \rightarrow \text{C}$	$3 \times 2 = \square \rightarrow \text{N}$
$8 \times 8 = \square \rightarrow \text{S}$	$3 \times 11 = \square \rightarrow \text{P}$	$9 \times 2 = \square \rightarrow \text{K}$	$3 \times 3 = \square \rightarrow \text{L}$
$3 \times 4 = \square \rightarrow \text{E}$			

Scratch space:

CLUE 3 Skip counting

The players are running laps. They run in pairs of two. Count them by twos to see the pattern.

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

T																	
70	90	30	25	140	30	55	45	33	16	42	30	55	36	42	26	120	30
25	90	26	140	33	14	30	120	55	110	25							

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, __, 75, 80 → **T**

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

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

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

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, __, 36, 39 → **Y**

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

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

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, __, 60, 65 → **A**

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

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

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

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

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

Scratch space:

CLUE 4 Place value

The jersey box has packs of ten shirts and some extra single shirts. Let's read the place value.

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

A																
93	85	32	20	47	73	72	85	45	46	11	76	72	32	93	94	15

	A									
16	93	76	19	94	72	73	11	94	11	72

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

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

What number has 1 ten and 6 ones? → **W**

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

What number has 3 tens and 2 ones? → **R**

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

What number has 1 ten and 9 ones? → **O**

What number has 1 ten and 5 ones? → **D**

What number has 7 tens and 2 ones? → **T**

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

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

What number has 4 tens and 5 ones? → **L**

What number has 4 tens and 7 ones? → **G**

What number has 7 tens and 3 ones? → **H**

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

Scratch space:

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

We started with ten practice vests. Now some are missing. Find how many are still in the box.

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:

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

$5 + \underline{\quad} = 10$

$1 + \underline{\quad} = 7$

$6 + \underline{\quad} = 14$

$9 + \underline{\quad} = 11$

$2 + \underline{\quad} = 3$

$3 + \underline{\quad} = 10$

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

$5 + \underline{\quad} = 9$

$1 + \underline{\quad} = 12$

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

Step 2 - cross out the sentence with each answer:

1. The villain unleashes a rocket shot, then catches the ball with a sticky grip.
2. The villain performs a zigzag dribble, then blocks defenders with a steel shield.
3. The villain performs a zigzag dribble, then catches the ball with a sticky grip.
4. The villain performs a zigzag dribble, then jumps high with a super spring.
5. The villain blasts a curve kick, then jumps high with a super spring.
6. The villain performs a zigzag dribble, then races past the goalie with turbo speed.
7. The villain flips for a bicycle kick, then blocks defenders with a steel shield.
8. The villain leaps for a power header, then races past the goalie with turbo speed.
9. The villain unleashes a rocket shot, then blocks defenders with a steel shield.
10. The villain unleashes a rocket shot, then jumps high with a super spring.
11. The villain unleashes a rocket shot, then spots the open net with laser vision.
12. The villain leaps for a power header, then blocks defenders with a steel shield.

Answer Key

The Missing Golden Cup

Culprit: Wendie

Rocket Shot · Super Spring · Kicks Left · Bright Blue · Shiny Medals

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

Clue 1 (Addition): "THE VILLAIN DOES NOT HAVE LASER VISION"

$62 + 28 = 90$ (T) · $47 + 21 = 68$ (I) · $28 + 48 = 76$ (L) · $27 + 40 = 67$ (O) · $22 + 10 = 32$ (E) · $40 + 29 = 69$ (S) · $8 + 13 = 21$ (R) · $17 + 28 = 45$ (A) · $18 + 21 = 39$ (D) · $13 + 23 = 36$ (N) · $24 + 11 = 35$ (H) · $27 + 35 = 62$ (V)

Clue 2 (Multiplication facts (1-12)): "THE SNEAKER PRINT SHOWS A LEFT KICK"

$2 \times 7 = 14$ (T) · $9 \times 10 = 90$ (W) · $2 \times 12 = 24$ (H) · $9 \times 5 = 45$ (F) · $7 \times 8 = 56$ (A) · $4 \times 10 = 40$ (R) · $3 \times 12 = 36$ (O) · $4 \times 8 = 32$ (I) · $4 \times 2 = 8$ (C) · $3 \times 2 = 6$ (N) · $8 \times 8 = 64$ (S) · $3 \times 11 = 33$ (P) · $9 \times 2 = 18$ (K) · $3 \times 3 = 9$ (L) · $3 \times 4 = 12$ (E)

Clue 3 (Skip counting): "THE SNEAKY FOE AVOIDED SHINY MEDALS"

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

Clue 4 (Place value): "A BRIGHT BLUE STRAND WAS ON THE NET"

What number has 9 tens and 3 ones? = 93 (A) · What number has 1 ten and 1 one? = 11 (E) · What number has 1 ten and 6 ones? = 16 (W) · What number has 4 tens and 6 ones? = 46 (U) · What number has 3 tens and 2 ones? = 32 (R) · What number has 7 tens and 6 ones? = 76 (S) · What number has 1 ten and 9 ones? = 19 (O) · What number has 1 ten and 5 ones? = 15 (D) · What number has 7 tens and 2 ones? = 72 (T) · What number has 8 tens and 5 ones? = 85 (B) · What number has 2 tens and 0 ones? = 20 (I) · What number has 4 tens and 5 ones? = 45 (L) · What number has 4 tens and 7 ones? = 47 (G) · What number has 7 tens and 3 ones? = 73 (H) · What number has 9 tens and 4 ones? = 94 (N)

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

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