



The Cup Final Mystery

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

Detective: _____ Date: _____

The golden championship trophy is gone! The Match Snatcher took it right before the big game. We must find them!

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 Match Snatcher is _____

Possible suspects

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

NAME	SPECIAL MOVE	LUCKY GEAR	KICKING FOOT	HAIR STYLE	STUMPED BY
Georgia Stan	mega kick	golden cleats	left-footed	blue headband	squeaky whistle
Lucy Bronze	hyper spin	glow gloves	left-footed	red spikes	squeaky whistle
Chloe Kelly	sonic header	glow gloves	right-footed	blue headband	muddy puddle
Wendie Ren	mega kick	star jersey	left-footed	red spikes	squeaky whistle
Megan Rapi	mega kick	speed socks	left-footed	green Mohawk	squeaky whistle
Alex Morgan	sonic header	star jersey	left-footed	blue headband	muddy puddle
Virgil Van	hyper spin	glow gloves	left-footed	blue headband	squeaky whistle
Mo Salah	hyper spin	speed socks	right-footed	red spikes	muddy puddle
Leo Messi	sonic header	speed socks	right-footed	green Mohawk	squeaky whistle
Marcus Rash	super save	glow gloves	left-footed	blue headband	muddy puddle
Alisha Leh	sonic header	golden cleats	left-footed	blue headband	squeaky whistle
Erling Haal	super save	speed socks	left-footed	green Mohawk	yellow card
Jude Belling	mega kick	speed socks	left-footed	blue headband	muddy puddle
Mary Earps	turbo dash	laser visor	left-footed	blue headband	muddy puddle
Sam Kerr	mega kick	golden cleats	left-footed	red spikes	squeaky whistle
Cristiano Ronny	hyper spin	glow gloves	right-footed	red spikes	squeaky whistle
Harry Kane	mega kick	star jersey	left-footed	green Mohawk	muddy puddle
Luka Modri	turbo dash	laser visor	left-footed	blue headband	yellow card
Sonny Heung	hyper spin	speed socks	left-footed	blue headband	muddy puddle
Neymar Junior	super save	speed socks	right-footed	green Mohawk	yellow card
Kylian Mbap	hyper spin	golden cleats	left-footed	green Mohawk	squeaky whistle

CLUE 1 Addition

Coach counted five soccer balls. Then he found four more in the net. Let us add them to find the first clue!

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

T					T					T									
5	8	4	17	20	5	14	8	19	9	20	5	14	8	4	13	18	3	4	19
		T																	
9	3	5	7	4	20	13	20	10	20	19	4	13	12	2	19	3	13		

$3 + 2 = \square \rightarrow$ T	$11 + 7 = \square \rightarrow$ D	$5 + 8 = \square \rightarrow$ R	
$10 + 10 = \square \rightarrow$ A	$12 + 5 = \square \rightarrow$ M	$7 + 12 = \square \rightarrow$ S	
$4 + 10 = \square \rightarrow$ C	$4 + 4 = \square \rightarrow$ H	$9 + 3 = \square \rightarrow$ V	$1 + 1 = \square \rightarrow$ I
$2 + 2 = \square \rightarrow$ E	$4 + 3 = \square \rightarrow$ W	$7 + 2 = \square \rightarrow$ N	$2 + 1 = \square \rightarrow$ O
$5 + 5 = \square \rightarrow$ L			

Scratch space:

Subtraction

We had ten clean team jerseys. The thief took seven of them. Subtract the stolen ones to unlock this clue.

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

A 3x15 grid of boxes. Each box contains either a number or a letter 'T'. The numbers are: Row 1: 8, 18, 19, 6, 4, 14, 14, 19, 6, 13, 11, 9, 13, 16, 8, 18, 19. Row 2: 10, 12, 15, 15, 3, 14, 15, 2, 1, 11, 8, 18, 8, 18, 19, 11, 6. Row 3: 15, 19, 7, 8, 7, 3, 3, 8. The letter 'T' is in the first box of the first three rows and the fourth box of the second and third rows.

11 - 3 = → **T**

$20 - 5 = \boxed{} \rightarrow \boxed{\text{L}}$

$$11 - 8 = \boxed{} \rightarrow \boxed{0}$$

$$18 - 4 = \boxed{} \rightarrow \boxed{\mathbf{N}}$$

$$13 - 9 = \boxed{} \rightarrow \boxed{\text{U}}$$

$$17 - 4 = \boxed{} \rightarrow \boxed{\text{K}}$$

$11 - 1 = \boxed{} \rightarrow \boxed{\mathbf{B}}$

$16 - 4 = \boxed{} \rightarrow \boxed{\mathbf{A}}$

$$12 - 6 = \boxed{} \rightarrow \boxed{\text{R}}$$

$16 - 5 = \boxed{} \rightarrow \boxed{\text{I}}$

$8 - 1 = \boxed{} \rightarrow \boxed{\text{F}}$

$$20 - 1 = \boxed{} \rightarrow \boxed{\text{E}}$$

$15 - 6 = \boxed{} \rightarrow \boxed{\text{C}}$

$19 - 1 = \boxed{} \rightarrow \boxed{\text{H}}$

$6 - 4 = \boxed{} \rightarrow \boxed{\text{Y}}$

$18 - 2 = \boxed{} \rightarrow \boxed{\text{S}}$

$4 - 3 = \boxed{} \rightarrow \boxed{\mathbf{W}}$

Scratch space:

CLUE 3 Skip counting

The cones are set up in groups of two. Let us count by twos to the end of the line for the next clue!

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

T																
6	140	100	16	33	20	42	36	40	9	28	90	40	20	20	42	9
40	9	16	70	39	28	28	16	36	39	28	28	20	100			

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

Skip-count by 3s. Fill the blank: 3, 6, __, 12, 15 → **N**

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

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

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

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

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

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

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

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

Skip-count by 10s. Fill the blank: 10, 20, 30, __, 50, 60 → **A**

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

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

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

Scratch space:

CLUE 4 Place value

The sock bin has three boxes of ten socks and six loose socks. Use place value to find the next clue.

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

A				A				A				
37	75	90	46	37	26	40	89	37	48	79	76	82

		A			A				A						
65	82	37	91	48	37	88	91	80	37	75	79	82	89	90	40 88

					A		
90	65	82	30	46	37	75	75

What number has 3 tens and 7 ones? →

A

What number has 8 tens and 2 ones? →

E

What number has 8 tens and 8 ones? →

N

What number has 4 tens and 8 ones? →

B

What number has 6 tens and 5 ones? →

H

What number has 4 tens and 6 ones? →

R

What number has 8 tens and 0 ones? →

W

What number has 8 tens and 9 ones? →

F

What number has 4 tens and 0 ones? →

O

What number has 7 tens and 9 ones? →

L

What number has 9 tens and 0 ones? →

T

What number has 3 tens and 0 ones? →

G

What number has 2 tens and 6 ones? →

P

What number has 9 tens and 1 one? →

D

What number has 7 tens and 5 ones? →

S

What number has 7 tens and 6 ones? →

U

Scratch space:

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

We need eight water bottles for the team. We only have five. How many more do we need to get the final clue?

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:

$1 + \underline{\quad} = 13$

$6 + \underline{\quad} = 11$

$4 + \underline{\quad} = 12$

$1 + \underline{\quad} = 2$

$9 + \underline{\quad} = 16$

$7 + \underline{\quad} = 11$

$4 + \underline{\quad} = 13$

$4 + \underline{\quad} = 6$

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

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

$7 + \underline{\quad} = 13$

Step 2 - cross out the sentence with each answer:

1. The villain hits a sonic header into the goal, then leaves gold tracks with golden cleats.
2. The villain hits a sonic header into the goal, then zips past everyone in speed socks.
3. The villain makes a super save in the net, then aims carefully with a laser visor.
4. The villain does a turbo dash down the field, then zips past everyone in speed socks.
5. The villain hits a sonic header into the goal, then shines brightly in a star jersey.
6. The villain hits a sonic header into the goal, then aims carefully with a laser visor.
7. The villain makes a super save in the net, then zips past everyone in speed socks.
8. The villain performs a hyper spin past the defense, then zips past everyone in speed socks.
9. The villain performs a hyper spin past the defense, then aims carefully with a laser visor.
10. The villain makes a super save in the net, then flashes bright light with glow gloves.
11. The villain uses a mega kick to blast the ball, then flashes bright light with glow gloves.
12. The villain uses a mega kick to blast the ball, then zips past everyone in speed socks.

Answer Key

The Cup Final Mystery

Culprit: Marcus Rash

super save · glow gloves · left-footed · blue headband · muddy puddle

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

Clue 1 (Addition): "THE MATCH SNATCHER DOES NOT WEAR A LASER VISOR"

$3 + 2 = 5$ (T) · $11 + 7 = 18$ (D) · $5 + 8 = 13$ (R) · $10 + 10 = 20$ (A) · $12 + 5 = 17$ (M) · $7 + 12 = 19$ (S) · $4 + 10 = 14$ (C) · $4 + 4 = 8$ (H) · $9 + 3 = 12$ (V) · $1 + 1 = 2$ (I) · $2 + 2 = 4$ (E) · $4 + 3 = 7$ (W) · $7 + 2 = 9$ (N) · $2 + 1 = 3$ (O) · $5 + 5 = 10$ (L)

Clue 2 (Subtraction): "THE RUNNER KICKS THE BALL ONLY WITH THEIR LEFT FOOT"

$11 - 3 = 8$ (T) · $20 - 5 = 15$ (L) · $11 - 8 = 3$ (O) · $18 - 4 = 14$ (N) · $13 - 9 = 4$ (U) · $17 - 4 = 13$ (K) · $11 - 1 = 10$ (B) · $16 - 4 = 12$ (A) · $12 - 6 = 6$ (R) · $16 - 5 = 11$ (I) · $8 - 1 = 7$ (F) · $20 - 1 = 19$ (E) · $15 - 6 = 9$ (C) · $19 - 1 = 18$ (H) · $6 - 4 = 2$ (Y) · $18 - 2 = 16$ (S) · $4 - 3 = 1$ (W)

Clue 3 (Skip counting): "THEY SLIP AND FALL IN ANY MUDDY PUDDLE"

Skip-count by 2s. Fill the blank: 2, 4, __, 8, 10 = 6 (T) · Skip-count by 3s. Fill the blank: 3, 6, __, 12, 15 = 9 (N) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, __, 18, 20 = 16 (Y) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, __, 22, 24 = 20 (L) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, __, 80, 90 = 70 (M) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, __, 39, 42 = 36 (P) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, __, 110, 120 = 100 (E) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, __, 36, 39 = 33 (S) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, __, 45, 48 = 42 (I) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, __, 100, 110 = 90 (F) · Skip-count by 10s. Fill the blank: 10, 20, 30, __, 50, 60 = 40 (A) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, __, 42, 45 = 39 (U) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, __, 30, 32 = 28 (D) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, __, 150, 160 = 140 (H)

Clue 4 (Place value): "A STRAP OF A BLUE HEADBAND WAS LEFT ON THE GRASS"

What number has 3 tens and 7 ones? = 37 (A) · What number has 8 tens and 2 ones? = 82 (E) · What number has 8 tens and 8 ones? = 88 (N) · What number has 4 tens and 8 ones? = 48 (B) · What number has 6 tens and 5 ones? = 65 (H) · What number has 4 tens and 6 ones? = 46 (R) · What number has 8 tens and 0 ones? = 80 (W) · What number has 8 tens and 9 ones? = 89 (F) · What number has 4 tens and 0 ones? = 40 (O) · What number has 7 tens and 9 ones? = 79 (L) · What number has 9 tens and 0 ones? = 90 (T) · What number has 3 tens and 0 ones? = 30 (G) · What number has 2 tens and 6 ones? = 26 (P) · What number has 9 tens and 1 one? = 91 (D) · What number has 7 tens and 5 ones? = 75 (S) · What number has 7 tens and 6 ones? = 76 (U)

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

$1 + \underline{\quad} = 13$ = 12 · $6 + \underline{\quad} = 11$ = 5 · $4 + \underline{\quad} = 12$ = 8 · $1 + \underline{\quad} = 2$ = 1 · $9 + \underline{\quad} = 16$ = 7 · $7 + \underline{\quad} = 11$ = 4 · $4 + \underline{\quad} = 13$ = 9 · $4 + \underline{\quad} = 6$ = 2 · $9 + \underline{\quad} = 12$ = 3 · $4 + \underline{\quad} = 15$ = 11 · $7 + \underline{\quad} = 13$ = 6