

The Great Cup Caper

Grade 1 math · Addition, Subtraction, Skip counting, Place value, Missing addends · Reading level grades 3-4

Detective: _____ Date: _____

The championship match is about to start, but the shiny Golden Cup has been stolen! A tricky soccer player swapped the trophy with a squeaky plastic toy. The referee found a list of suspects, but we need your math skills to help us crack the case and save the big game!

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 Cleat Bandit 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	DOMINANT FOOT	HAIR STYLE	FOIL
Cristiano	Diving tackle	Speed water bottle	Right-footed	Curly brown hair	Muddy turf
Trinity Rodman	Goalie save	Neon cleats	Right-footed	Curly brown hair	Muddy turf
Sam Kerr	Header goal	Neon cleats	Right-footed	Curly brown hair	Muddy turf
Jude Bellingham	Corner kick	Grip gloves	Left-footed	Spiky black hair	Squeaky whistle
Son Heungmin	Corner kick	Gold shin guards	Left-footed	Bright blonde pony	Muddy turf
Lucy Bronze	Diving tackle	Smart headband	Left-footed	Curly brown hair	Bright stadium lights
Leo Messi	Corner kick	Gold shin guards	Right-footed	Curly brown hair	Muddy turf
Christian Pulisic	Corner kick	Gold shin guards	Right-footed	Bright blonde pony	Bright stadium lights
Kylian Mbappe	Bicycle kick	Speed water bottle	Left-footed	Curly brown hair	Muddy turf
Neymar Jr	Header goal	Speed water bottle	Right-footed	Curly brown hair	Squeaky whistle
Robert Lewandowski	Corner kick	Grip gloves	Right-footed	Bright blonde pony	Squeaky whistle
Marcus Rashford	Corner kick	Gold shin guards	Right-footed	Curly brown hair	Squeaky whistle
Mohamed Salah	Diving tackle	Gold shin guards	Right-footed	Bright blonde pony	Muddy turf
Alex Morgan	Diving tackle	Gold shin guards	Left-footed	Curly brown hair	Muddy turf
Kevin De Bruyne	Corner kick	Grip gloves	Right-footed	Curly brown hair	Muddy turf
Bukayo Saka	Corner kick	Neon cleats	Left-footed	Spiky black hair	Squeaky whistle
Virgil van Dijk	Corner kick	Smart headband	Right-footed	Bright blonde pony	Muddy turf
Alisha Lehmann	Diving tackle	Neon cleats	Left-footed	Curly brown hair	Bright stadium lights
Erling Haaland	Header goal	Gold shin guards	Right-footed	Curly brown hair	Squeaky whistle
Sophia Smith	Bicycle kick	Gold shin guards	Left-footed	Bright blonde pony	Squeaky whistle
Megan Rapinoe	Corner kick	Grip gloves	Right-footed	Bright blonde pony	Muddy turf

CLUE 1 Addition

The team manager is counting the practice cones. We need to add the orange cones and blue cones together to find the sum.

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

Three rows of number boxes for a multiplication exercise. The boxes are arranged in groups of 10, 10, and 6 respectively. The boxes containing 'T' are highlighted in orange.

Row 1: 11, 7, 8, 4, 10, 4, 2, 8, 17, 11, 20, 3, 8, 4, 18, 3, 11

Row 2: 7, 16, 15, 8, 16, 4, 2, 8, 8, 20, 6, 16, 11, 8, 9

Row 3: 5, 3, 11, 11, 19, 8

$$3 + 8 = \boxed{} \rightarrow \boxed{\text{T}}$$

$4 + 2 = \boxed{} \rightarrow \boxed{\mathbf{W}}$

$$9 + 6 = \boxed{} \rightarrow \boxed{\mathbf{v}}$$

$$1 + 1 = \boxed{} \rightarrow \boxed{\text{P}}$$

$8 + 8 = \boxed{} \rightarrow \boxed{\mathbf{A}}$

$3 + 1 = \boxed{} \rightarrow \boxed{\mathbf{S}}$

$9 + 9 = \boxed{} \rightarrow \boxed{\mathbf{N}}$

$$2 + 1 = \boxed{} \rightarrow \boxed{0}$$

$$5 + 2 = \boxed{} \rightarrow \boxed{\text{H}}$$

$4 + 1 = \boxed{} \rightarrow \boxed{\mathbf{B}}$

$4 + 6 = \boxed{} \rightarrow \boxed{\text{U}}$

$6 + 13 = \boxed{} \rightarrow \boxed{\text{L}}$

$$4 + 5 = \boxed{} \rightarrow \boxed{\mathbf{R}}$$

$$10 + 10 = \boxed{} \rightarrow \boxed{\mathbf{D}}$$

$4 + 4 = \boxed{} \rightarrow \boxed{\text{E}}$

$10 + 7 = \boxed{} \rightarrow \boxed{\text{C}}$

Scratch space:

CLUE 2

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

A number line from 0 to 20. The boxes for 15 and 10 are highlighted in orange and contain the letter 'T'. The numbers 15, 10, and 5 are written below the boxes.

15	4	9	10	2	18	18	9	10	11	10	9	8	9	10	13	15	7
14	12	5	14	10	12	17	4	15	8	7	7	15	9	16			

17 - 2 = → **T**

$8 - 6 = \square \rightarrow \boxed{\text{U}}$

15 - 7 = → **F**

20 - 2 = → **N**

16 - 4 = →

$14 - 1 = \boxed{} \rightarrow \boxed{\text{S}}$

11 - 4 = → ☐

13 - 2 = → **P**

$17 - 1 = \boxed{} \rightarrow \boxed{\text{D}}$

17 - 3 = → **K**

12 - 2 = → **R**

18 - 1 = → **G**

8 - 4 = → **H**

16 - 7 = → **E**

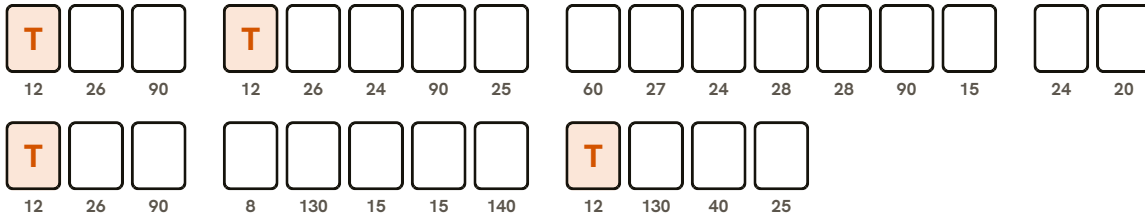
$7 - 2 = \square \rightarrow \boxed{\text{C}}$

Scratch space:

CLUE 3 Skip counting

Let's count the sports drink bottles lined up by the bench. They are grouped in pairs, so we can skip count by twos to find the total.

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



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

Skip-count by 5s. Fill the blank: 5, 10, 15, __, 25, 30 → **N**

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

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

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

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

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

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

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, __, 65, 70 → **S**

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

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

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, __, 140, 150 → **U**

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

Scratch space:

CLUE 4 Place value

We are looking at the jersey numbers on the laundry rack. Let's find how many tens and ones are in these double-digit numbers.

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

C																	
69	16	84	91	70	14	84	47	67	27	40	82	85	84	67	82	24	
91	72	89	96	47	27	96	40	72	14	72	27	C					

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

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

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

What number has 8 tens and 9 ones? → **F**

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

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

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

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

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

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

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

What number has 4 tens and 0 ones? → **H**

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

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

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

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

Scratch space:

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

The equipment bag holds twelve shin guards. We only see eight on the grass, so we must find how many are still missing inside.

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:

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

$3 + \underline{\quad} = 8$

$9 + \underline{\quad} = 13$

$4 + \underline{\quad} = 14$

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

$9 + \underline{\quad} = 21$

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

$8 + \underline{\quad} = 16$

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

$8 + \underline{\quad} = 9$

$3 + \underline{\quad} = 6$

Step 2 - cross out the sentence with each answer:

1. The villain takes the goalie gloves, then escapes down the players tunnel.
2. The villain hides the championship banner, then escapes down the players tunnel.
3. The villain steals the official game ball, then leaps over the stadium fence.
4. The villain steals the official game ball, then sprints across the muddy field.
5. The villain snatches the referee whistle, then leaps over the stadium fence.
6. The villain swipes the golden trophy, then leaps over the stadium fence.
7. The villain hides the championship banner, then sprints across the muddy field.
8. The villain swipes the golden trophy, then zips past the cheering fans.
9. The villain takes the goalie gloves, then leaps over the stadium fence.
10. The villain snatches the referee whistle, then sprints across the muddy field.
11. The villain snatches the referee whistle, then zips past the cheering fans.
12. The villain swipes the golden trophy, then sprints across the muddy field.

Answer Key

The Great Cup Caper

Culprit: Kevin De Bruyne

Corner kick · Grip gloves · Right-footed · Curly brown hair · Muddy turf

Trail: Start 21 → Clue 1 18 → Clue 2 11 → Clue 3 7 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE SUSPECT DOES NOT HAVE A SPEED WATER BOTTLE"

$3 + 8 = 11$ (T) · $4 + 2 = 6$ (W) · $9 + 6 = 15$ (V) · $1 + 1 = 2$ (P) · $8 + 8 = 16$ (A) · $3 + 1 = 4$ (S) · $9 + 9 = 18$ (N) · $2 + 1 = 3$ (O) · $5 + 2 = 7$ (H) · $4 + 1 = 5$ (B) · $4 + 6 = 10$ (U) · $6 + 13 = 19$ (L) · $4 + 5 = 9$ (R) · $10 + 10 = 20$ (D) · $4 + 4 = 8$ (E) · $10 + 7 = 17$ (C)

Clue 2 (Subtraction): "THE RUNNER PREFERS TO KICK RIGHT FOOTED"

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

Clue 3 (Skip counting): "THE THIEF SLIPPED IN THE MUDDY TURF"

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, __, 14, 16 = 12 (T) · Skip-count by 5s. Fill the blank: 5, 10, 15, __, 25, 30 = 20 (N) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, __, 28, 30 = 26 (H) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, __, 30, 35 = 25 (F) · Skip-count by 5s. Fill the blank: 5, 10, __, 20, 25 = 15 (D) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, __, 150, 160 = 140 (Y) · Skip-count by 2s. Fill the blank: 2, 4, 6, __, 10, 12 = 8 (M) · Skip-count by 10s. Fill the blank: 10, 20, 30, __, 50, 60 = 40 (R) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, __, 100, 110 = 90 (E) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, __, 65, 70 = 60 (S) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, __, 30, 32 = 28 (P) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, __, 30, 33 = 27 (L) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, __, 140, 150 = 130 (U) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, __, 27, 30 = 24 (I)

Clue 4 (Place value): "CURLY BROWN HAIR WAS LEFT ON THE BENCH"

What number has 6 tens and 9 ones? = 69 (C) · What number has 1 ten and 6 ones? = 16 (U) · What number has 7 tens and 0 ones? = 70 (Y) · What number has 8 tens and 9 ones? = 89 (F) · What number has 8 tens and 5 ones? = 85 (I) · What number has 9 tens and 1 one? = 91 (L) · What number has 7 tens and 2 ones? = 72 (E) · What number has 1 ten and 4 ones? = 14 (B) · What number has 8 tens and 2 ones? = 82 (A) · What number has 9 tens and 6 ones? = 96 (T) · What number has 4 tens and 7 ones? = 47 (O) · What number has 4 tens and 0 ones? = 40 (H) · What number has 8 tens and 4 ones? = 84 (R) · What number has 6 tens and 7 ones? = 67 (W) · What number has 2 tens and 4 ones? = 24 (S) · What number has 2 tens and 7 ones? = 27 (N)

Clue 5 (Missing addends): surviving statement is box 11 → Kevin De Bruyne

$2 + \underline{\quad} = 9 = 7$ · $3 + \underline{\quad} = 8 = 5$ · $9 + \underline{\quad} = 13 = 4$ · $4 + \underline{\quad} = 14 = 10$ · $5 + \underline{\quad} = 7 = 2$ · $9 + \underline{\quad} = 21 = 12$ · $8 + \underline{\quad} = 17 = 9$ · $8 + \underline{\quad} = 16 = 8$ · $2 + \underline{\quad} = 8 = 6$ · $8 + \underline{\quad} = 9 = 1$ · $3 + \underline{\quad} = 6 = 3$