



The Championship Cup Mystery

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

Detective: _____ Date: _____

Someone took the shiny Championship Cup from the trophy case! The head referee needs your help to find which superstar player took it before the big game starts.

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 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	SHOOTING FOOT	HEADBAND COLOR	SCARED BY
Mo	Header Shot	Warmup Jacket	Left Footed	Red Headband	Bouncing Ball
Booker	Three Pointer	Warmup Jacket	Left Footed	Blue Headband	Loud Whistle
Kevin	Bicycle Kick	Golden Cleats	Right Footed	Red Headband	Loud Whistle
Jimmy	Fast Dribble	Wrist Bands	Right Footed	Blue Headband	Bouncing Ball
Tatum	Three Pointer	Wrist Bands	Right Footed	Blue Headband	Bouncing Ball
Marta	Header Shot	Warmup Jacket	Right Footed	Red Headband	Squeaky Shoes
Kyrie	Fast Dribble	Striped Socks	Left Footed	Green Headband	Squeaky Shoes
Luka	Slam Dunk	Striped Socks	Right Footed	Red Headband	Squeaky Shoes
Dirk	Slam Dunk	Golden Cleats	Right Footed	Green Headband	Bouncing Ball
Chris	Fast Dribble	Striped Socks	Right Footed	Green Headband	Bouncing Ball
Marcus	Three Pointer	Warmup Jacket	Right Footed	Blue Headband	Bouncing Ball
Christian	Fast Dribble	Wrist Bands	Right Footed	Blue Headband	Squeaky Shoes
Harry	Bicycle Kick	Wrist Bands	Right Footed	Red Headband	Squeaky Shoes
Cristiano	Header Shot	Shiny High Tops	Right Footed	Red Headband	Loud Whistle
Yao	Bicycle Kick	Golden Cleats	Left Footed	Green Headband	Bouncing Ball
Megan	Slam Dunk	Golden Cleats	Right Footed	Red Headband	Squeaky Shoes
Neymar	Bicycle Kick	Golden Cleats	Left Footed	Red Headband	Squeaky Shoes
LeBron	Bicycle Kick	Shiny High Tops	Left Footed	Blue Headband	Bouncing Ball
Lionel	Fast Dribble	Shiny High Tops	Right Footed	Blue Headband	Squeaky Shoes
Steph	Fast Dribble	Striped Socks	Left Footed	Green Headband	Bouncing Ball
Jordan	Fast Dribble	Shiny High Tops	Right Footed	Red Headband	Squeaky Shoes

CLUE 1 Addition

Coach Pete wants to count the bright orange soccer cones on the field. Let us add the groups of cones to find the total.

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

T			T											T				
11	9	3	11	9	18	3	19	2	20	3	10	5	20	11	15	3	8	13
	T																	
10	11	13	18	6	3	2	10	20	4	17	10							

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

$3 + 3 = \square \rightarrow \boxed{\text{P}}$

$9 + 11 = \square \rightarrow \boxed{\text{O}}$

$11 + 6 = \square \rightarrow \boxed{\text{K}}$

$12 + 6 = \square \rightarrow \boxed{\text{I}}$

$11 + 4 = \square \rightarrow \boxed{\text{W}}$

$1 + 1 = \square \rightarrow \boxed{\text{D}}$

$1 + 4 = \square \rightarrow \boxed{\text{N}}$

$2 + 7 = \square \rightarrow \boxed{\text{H}}$

$3 + 1 = \square \rightarrow \boxed{\text{C}}$

$10 + 9 = \square \rightarrow \boxed{\text{F}}$

$5 + 5 = \square \rightarrow \boxed{\text{S}}$

$1 + 2 = \square \rightarrow \boxed{\text{E}}$

$9 + 4 = \square \rightarrow \boxed{\text{R}}$

$5 + 3 = \square \rightarrow \boxed{\text{A}}$

Scratch space:

CLUE 2 Place value

The scoreboard is flashing wild numbers. We must look at the tens and ones places to fix the screen and get a hint.

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

T			T												T	
96	55	68	96	55	56	68	63	54	56	61	54	26	49	56	96	55

T									T				T
96	55	68	56	43	43	56	79	55	96	63	88	88	96

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

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

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

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

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

What number has 6 tens and 1 one? → **C**

What number has 6 tens and 8 ones? → **E**

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

What number has 4 tens and 3 ones? → **R**

What number has 6 tens and 3 ones? → **F**

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

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

Scratch space:

CLUE 3

Subtraction

Some basketballs rolled away under the bleachers. Let us subtract the missing balls from the full rack to see what is left.

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

T															
4	17	2	16	18	15	12	15	10	15	16	7	18	5	1	
19	9	6	2	15	14	16	19	17	5	2	19				

$13 - 9 = \square \rightarrow \boxed{\text{T}}$

$17 - 3 = \square \rightarrow \boxed{\text{K}}$

$19 - 3 = \square \rightarrow \boxed{\text{Y}}$

$19 - 7 = \square \rightarrow \boxed{\text{N}}$

$20 - 3 = \square \rightarrow \boxed{\text{H}}$

$5 - 4 = \square \rightarrow \boxed{\text{M}}$

$19 - 4 = \square \rightarrow \boxed{\text{A}}$

$14 - 8 = \square \rightarrow \boxed{\text{U}}$

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

$13 - 3 = \square \rightarrow \boxed{\text{W}}$

$19 - 1 = \square \rightarrow \boxed{\text{R}}$

$14 - 7 = \square \rightarrow \boxed{\text{F}}$

$20 - 1 = \square \rightarrow \boxed{\text{S}}$

$11 - 2 = \square \rightarrow \boxed{\text{Q}}$

$14 - 9 = \square \rightarrow \boxed{\text{O}}$

Scratch space:

CLUE 4 Skip counting

The players are sorting their team socks by twos. Skip count with them to make sure every player has a clean pair.

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

A							A				A							
100	22	90	16	26	25	22	100	28	16	45	100	26	33	90	9	25	50	28
25	6	90	18	39	120													

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

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

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

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, __, 24, 26 → **R**

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

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

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

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

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

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

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

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

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

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

Scratch space:

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

The team needs ten soccer balls for practice, but they only have seven. Find the missing number to fill the cart.

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:

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

$4 + \underline{\quad} = 7$

$6 + \underline{\quad} = 16$

$8 + \underline{\quad} = 19$

$10 + \underline{\quad} = 17$

$9 + \underline{\quad} = 15$

$1 + \underline{\quad} = 3$

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

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

$10 + \underline{\quad} = 19$

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

Step 2 - cross out the sentence with each answer:

1. The villain dunks a basketball with a loud slam, then zips down the court with the prize.
2. The villain headers a pass across the field, then grabs the championship trophy.
3. The villain dunks a basketball with a loud slam, then grabs the championship trophy.
4. The villain shoots a perfect three pointer, then zips down the court with the prize.
5. The villain dribbles past three defenders, then runs out of the stadium door.
6. The villain dunks a basketball with a loud slam, then sneaks past the cheering fans.
7. The villain shoots a perfect three pointer, then sneaks past the cheering fans.
8. The villain dribbles past three defenders, then grabs the championship trophy.
9. The villain dribbles past three defenders, then hides behind the gym benches.
10. The villain headers a pass across the field, then zips down the court with the prize.
11. The villain dribbles past three defenders, then sneaks past the cheering fans.
12. The villain kicks a soccer ball into the goal, then sneaks past the cheering fans.

Answer Key

The Championship Cup Mystery

Culprit: Jordan

Fast Dribble · Shiny High Tops · Right Footed · Red Headband · Squeaky Shoes

Trail: Start 21 → Clue 1 17 → Clue 2 12 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE THIEF DOES NOT WEAR STRIPED SOCKS"

$8 + 3 = 11$ (T) · $3 + 3 = 6$ (P) · $9 + 11 = 20$ (O) · $11 + 6 = 17$ (K) · $12 + 6 = 18$ (I) · $11 + 4 = 15$ (W) · $1 + 1 = 2$ (D) · $1 + 4 = 5$ (N) · $2 + 7 = 9$ (H) · $3 + 1 = 4$ (C) · $10 + 9 = 19$ (F) · $5 + 5 = 10$ (S) · $1 + 2 = 3$ (E) · $9 + 4 = 13$ (R) · $5 + 3 = 8$ (A)

Clue 2 (Place value): "THE THIEF KICKS WITH THEIR RIGHT FOOT"

What number has 9 tens and 6 ones? = 96 (T) · What number has 7 tens and 9 ones? = 79 (G) · What number has 5 tens and 4 ones? = 54 (K) · What number has 4 tens and 9 ones? = 49 (W) · What number has 8 tens and 8 ones? = 88 (O) · What number has 6 tens and 1 one? = 61 (C) · What number has 6 tens and 8 ones? = 68 (E) · What number has 2 tens and 6 ones? = 26 (S) · What number has 4 tens and 3 ones? = 43 (R) · What number has 6 tens and 3 ones? = 63 (F) · What number has 5 tens and 6 ones? = 56 (I) · What number has 5 tens and 5 ones? = 55 (H)

Clue 3 (Subtraction): "THEY RAN AWAY FROM SQUEAKY SHOES"

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

Clue 4 (Skip counting): "A RED STRAND WAS LEFT ON THE CUP"

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

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

$8 + \underline{\quad} = 20 = 12$ · $4 + \underline{\quad} = 7 = 3$ · $6 + \underline{\quad} = 16 = 10$ · $8 + \underline{\quad} = 19 = 11$ · $10 + \underline{\quad} = 17 = 7$ · $9 + \underline{\quad} = 15 = 6$ · $1 + \underline{\quad} = 3 = 2$ · $10 + \underline{\quad} = 11 = 1$ · $7 + \underline{\quad} = 11 = 4$ · $10 + \underline{\quad} = 19 = 9$ · $2 + \underline{\quad} = 10 = 8$