



The Championship Cup Caper

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

Detective: _____ Date: _____

Someone swiped the Golden Cup right before the big game! The arena doors are locked, and only a pro athlete could have pulled off this stunt. Coach Leo needs your help to check the clues and find the thief!

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 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	LUCKY GEAR	SHOOTING HAND	HEAD STYLE	MAIN OBSTACLE
Jordan	Bicycle Kick	Super Grip Socks	Left Handed	High Ponytail	Squeaky Floorboards
Kobe	Dribbling Dash	Silver Goalie Gloves	Right Handed	High Ponytail	Bright Lights
Messi	Bicycle Kick	Squeaky Sneakers	Left Handed	Neon Sweatband	Squeaky Floorboards
Haaland	Dribbling Dash	Silver Goalie Gloves	Right Handed	High Ponytail	Squeaky Floorboards
LeBron	Bicycle Kick	Neon Cleats	Left Handed	High Ponytail	Bright Lights
Morgan	Fast Break Sprint	Golden Whistle	Right Handed	Neon Sweatband	Bright Lights
Rapinoe	Fast Break Sprint	Super Grip Socks	Right Handed	Spiky Haircut	Squeaky Floorboards
Caitlin	Dribbling Dash	Golden Whistle	Right Handed	High Ponytail	Bright Lights
Tatum	Fast Break Sprint	Neon Cleats	Left Handed	High Ponytail	Bright Lights
Luka	Header Goal	Silver Goalie Gloves	Left Handed	Neon Sweatband	Squeaky Floorboards
Yao	Fast Break Sprint	Squeaky Sneakers	Left Handed	Spiky Haircut	Squeaky Floorboards
Pele	Fast Break Sprint	Squeaky Sneakers	Right Handed	High Ponytail	Bright Lights
Magic	Three Point Shot	Neon Cleats	Right Handed	High Ponytail	Squeaky Floorboards
Marta	Fast Break Sprint	Golden Whistle	Left Handed	High Ponytail	Bright Lights
Kane	Fast Break Sprint	Silver Goalie Gloves	Left Handed	High Ponytail	Bright Lights
Shaq	Header Goal	Silver Goalie Gloves	Left Handed	Neon Sweatband	Bright Lights
Durant	Dribbling Dash	Golden Whistle	Left Handed	Neon Sweatband	Slippery Floor
Bird	Dribbling Dash	Silver Goalie Gloves	Left Handed	Neon Sweatband	Squeaky Floorboards
Mbappe	Header Goal	Super Grip Socks	Left Handed	High Ponytail	Bright Lights
Neymar	Dribbling Dash	Super Grip Socks	Left Handed	Neon Sweatband	Squeaky Floorboards
Saka	Header Goal	Super Grip Socks	Right Handed	Neon Sweatband	Bright Lights

CLUE 1 Addition

Coach Leo is counting up the soccer balls left in the storage bin. Let us add the new shipment to find the total and unlock the first clue!

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

73 22 98 46 48 66 66 88 48 96 45 76 98 79 96 76 73

22 88 46 98 73 22 98 67 76 66 45 98 96 58 22 48 79 73 66 98

$$36 + 37 = \boxed{} \rightarrow \boxed{\text{T}}$$

$$69 + 29 = \boxed{} \rightarrow \boxed{\text{E}}$$

$22 + 45 = \boxed{} \rightarrow \mathbf{G}$

$$24 + 22 = \boxed{} \rightarrow \boxed{\mathbf{v}}$$

$32 + 16 = \boxed{} \rightarrow \boxed{}$

$30 + 46 = \boxed{} \rightarrow \boxed{0}$

$$19 + 47 = \boxed{} \rightarrow \boxed{\text{L}}$$

$$35 + 61 = \boxed{} \rightarrow \boxed{\text{N}}$$

$$29 + 16 = \boxed{} \rightarrow \mathbf{D}$$

$$58 + 30 = \boxed{} \rightarrow \boxed{\text{A}}$$

$$16 + 6 = \boxed{} \rightarrow \boxed{\text{H}}$$

$$48 + 31 = \boxed{} \rightarrow \boxed{\mathbf{S}}$$

$35 + 23 = \boxed{} \rightarrow \boxed{\text{W}}$

Scratch space:

CLUE 2 Subtraction

We had a full rack of basketballs, but some rolled away down the hallway. Subtract the missing balls to see how many are left and get the next lead.

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

T										T								
37	16	75	38	68	38	50	75	46	37	28	71	27	56	56	69	75	38	

		T		T					T					
35	27	37	16	37	16	75	69	75	21	37	16	39	63	28

$62 - 25 = \square \rightarrow$ T	$59 - 13 = \square \rightarrow$ C	$84 - 15 = \square \rightarrow$ L
$75 - 7 = \square \rightarrow$ U	$68 - 30 = \square \rightarrow$ S	$59 - 24 = \square \rightarrow$ W
$81 - 31 = \square \rightarrow$ P	$61 - 40 = \square \rightarrow$ F	$67 - 11 = \square \rightarrow$ B
$40 - 12 = \square \rightarrow$ D	$110 - 39 = \square \rightarrow$ R	$99 - 24 = \square \rightarrow$ E
$33 - 6 = \square \rightarrow$ I	$63 - 24 = \square \rightarrow$ A	$25 - 9 = \square \rightarrow$ H
$64 - 1 = \square \rightarrow$ N		

Scratch space:

CLUE 3 Skip counting

The team jerseys are hung up in neat rows of five. Skip count by fives along the rack to find the final number and reveal the third clue.

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

T									T						T	
21	25	16	14	140	36	12	25	21	42	36	12	25	21	35		
								T								T
14	42	36	18	50	16	50	21	25	16	35	30	35	10	16	130	21

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

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

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

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

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

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

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

Skip-count by 3s. Fill the blank: 3, 6, 9, __, 15, 18 → **G**

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

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

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

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

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

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

Scratch space:

CLUE 4 Place value

The digital scoreboard is blinking with tens and ones! Figure out the place value of the score to reboot the screen and read the fourth clue.

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

W																		
74	22	50	87	95	38	24	47	53	60	12	47	38	24	50	12	87	61	47
19	98	69	19	96	87	38	62	60	47	98	35							

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

What number has 3 tens and 5 ones? → **L**

What number has 6 tens and 0 ones? → **T**

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

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

What number has 3 tens and 8 ones? → **N**

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

What number has 9 tens and 5 ones? → **U**

What number has 5 tens and 0 ones? → **F**

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

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

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

What number has 8 tens and 7 ones? → **O**

What number has 5 tens and 3 ones? → **S**

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

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

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

What number has 1 ten and 2 ones? → **R**

Scratch space:

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

We need fifty practice cones for the drill, but we only have thirty on the grass. Find the missing number of cones to solve the final mystery.

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:

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

$7 + \underline{\quad} = 15$

$9 + \underline{\quad} = 18$

$5 + \underline{\quad} = 15$

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

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

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

$4 + \underline{\quad} = 5$

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

$10 + \underline{\quad} = 13$

$2 + \underline{\quad} = 14$

Step 2 - cross out the sentence with each answer:

1. The villain sneaks across the grassy pitch, then takes the MVP medal.
2. The villain leaps over the court turnstiles, then takes the MVP medal.
3. The villain leaps over the court turnstiles, then pockets the silver referee whistle.
4. The villain sneaks across the grassy pitch, then stuffs the game ball into a bag.
5. The villain dribbles through the locker room, then grabs the golden trophy cup.
6. The villain jumps onto the scoreboard platform, then swipes the championship rings.
7. The villain jumps onto the scoreboard platform, then stuffs the game ball into a bag.
8. The villain sneaks across the grassy pitch, then pockets the silver referee whistle.
9. The villain jumps onto the scoreboard platform, then grabs the golden trophy cup.
10. The villain leaps over the court turnstiles, then swipes the championship rings.
11. The villain leaps over the court turnstiles, then stuffs the game ball into a bag.
12. The villain dribbles through the locker room, then pockets the silver referee whistle.

Answer Key

The Championship Cup Caper

Culprit: Kane

Fast Break Sprint · Silver Goalie Gloves · Left Handed · High Ponytail · Bright Lights

Trail: Start 21 → Clue 1 17 → Clue 2 11 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE VILLAIN DOES NOT HAVE THE GOLDEN WHISTLE"

$36 + 37 = 73$ (T) · $69 + 29 = 98$ (E) · $22 + 45 = 67$ (G) · $24 + 22 = 46$ (V) · $32 + 16 = 48$ (I) · $30 + 46 = 76$ (O) · $19 + 47 = 66$ (L) · $35 + 61 = 96$ (N) · $29 + 16 = 45$ (D) · $58 + 30 = 88$ (A) · $16 + 6 = 22$ (H) · $48 + 31 = 79$ (S) · $35 + 23 = 58$ (W)

Clue 2 (Subtraction): "THE SUSPECT DRIBBLES WITH THE LEFT HAND"

$62 - 25 = 37$ (T) · $59 - 13 = 46$ (C) · $84 - 15 = 69$ (L) · $75 - 7 = 68$ (U) · $68 - 30 = 38$ (S) · $59 - 24 = 35$ (W) · $81 - 31 = 50$ (P) · $61 - 40 = 21$ (F) · $67 - 11 = 56$ (B) · $40 - 12 = 28$ (D) · $110 - 39 = 71$ (R) · $99 - 24 = 75$ (E) · $33 - 6 = 27$ (I) · $63 - 24 = 39$ (A) · $25 - 9 = 16$ (H) · $64 - 1 = 63$ (N)

Clue 3 (Skip counting): "THE BRIGHT LIGHTS BLINDED THE SUSPECT"

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, __, 24, 27 = 21 (T) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, __, 40, 45 = 35 (S) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, __, 150, 160 = 140 (R) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, __, 20, 22 = 18 (N) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, __, 45, 48 = 42 (L) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, __, 35, 40 = 30 (U) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, __, 140, 150 = 130 (C) · Skip-count by 3s. Fill the blank: 3, 6, 9, __, 15, 18 = 12 (G) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, __, 16, 18 = 14 (B) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, __, 60, 70 = 50 (D) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, __, 12, 14 = 10 (P) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, __, 39, 42 = 36 (I) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, __, 30, 35 = 25 (H) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, __, 18, 20 = 16 (E)

Clue 4 (Place value): "WE FOUND A STRAND FROM A HIGH PONYTAIL"

What number has 7 tens and 4 ones? = 74 (W) · What number has 3 tens and 5 ones? = 35 (L) · What number has 6 tens and 0 ones? = 60 (T) · What number has 4 tens and 7 ones? = 47 (A) · What number has 6 tens and 9 ones? = 69 (G) · What number has 3 tens and 8 ones? = 38 (N) · What number has 9 tens and 8 ones? = 98 (I) · What number has 9 tens and 5 ones? = 95 (U) · What number has 5 tens and 0 ones? = 50 (F) · What number has 2 tens and 2 ones? = 22 (E) · What number has 2 tens and 4 ones? = 24 (D) · What number has 1 ten and 9 ones? = 19 (H) · What number has 8 tens and 7 ones? = 87 (O) · What number has 5 tens and 3 ones? = 53 (S) · What number has 6 tens and 1 one? = 61 (M) · What number has 9 tens and 6 ones? = 96 (P) · What number has 6 tens and 2 ones? = 62 (Y) · What number has 1 ten and 2 ones? = 12 (R)

Clue 5 (Missing addends): surviving statement is box 6 → Kane

$5 + \underline{\quad} = 10 = 5$ · $7 + \underline{\quad} = 15 = 8$ · $9 + \underline{\quad} = 18 = 9$ · $5 + \underline{\quad} = 15 = 10$ · $1 + \underline{\quad} = 3 = 2$ · $6 + \underline{\quad} = 13 = 7$ · $8 + \underline{\quad} = 19 = 11$ · $4 + \underline{\quad} = 5 = 1$ · $7 + \underline{\quad} = 11 = 4$ · $10 + \underline{\quad} = 13 = 3$ · $2 + \underline{\quad} = 14 = 12$