

The Missing Championship Trophy

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

Detective: _____ Date: _____

The big game is tonight! But oh no! The shiny gold trophy is gone from the trophy case. Only a sneaky player could have taken it. Coach needs your help. Look at the clues on the court to find the Foul Player!

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 Foul Player 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	HAIR COLOR	BIG WEAKNESS
Zion	no look passing	shiny whistle	left handed shooter	bright red hair	squeaky dog toy
LaMelo	fast dribbling	shiny whistle	left handed shooter	neon yellow hair	squeaky dog toy
Kyrie	no look passing	squeaky shoes	left handed shooter	bright red hair	loud buzzer sound
Dame	monster slam dunking	shiny whistle	right handed shooter	bright red hair	slippery court floor
Bam	super high jumping	golden basketball	left handed shooter	dark blue hair	slippery court floor
Russ	fast dribbling	green sweatband	left handed shooter	dark blue hair	squeaky dog toy
Nikola	super high jumping	shiny whistle	right handed shooter	neon yellow hair	loud buzzer sound
Steph	wild trick shooting	green sweatband	right handed shooter	dark blue hair	squeaky dog toy
Giannis	super high jumping	green sweatband	left handed shooter	neon yellow hair	slippery court floor
Joel	no look passing	glowing sneakers	left handed shooter	neon yellow hair	loud buzzer sound
Jimmy	no look passing	golden basketball	left handed shooter	dark blue hair	slippery court floor
Dearron	fast dribbling	golden basketball	left handed shooter	neon yellow hair	squeaky dog toy
Devin	wild trick shooting	squeaky shoes	left handed shooter	neon yellow hair	squeaky dog toy
Shaq	wild trick shooting	green sweatband	right handed shooter	neon yellow hair	loud buzzer sound
Ja	super high jumping	glowing sneakers	right handed shooter	neon yellow hair	squeaky dog toy
Klay	wild trick shooting	green sweatband	left handed shooter	bright red hair	slippery court floor
Luka	wild trick shooting	green sweatband	left handed shooter	neon yellow hair	squeaky dog toy
Trae	wild trick shooting	shiny whistle	left handed shooter	neon yellow hair	squeaky dog toy
Spida	monster slam dunking	green sweatband	left handed shooter	bright red hair	squeaky dog toy
LeBron	wild trick shooting	glowing sneakers	right handed shooter	neon yellow hair	slippery court floor
Kobe	fast dribbling	squeaky shoes	left handed shooter	bright red hair	loud buzzer sound

CLUE 1 Addition

The referee counts the practice balls. He adds the red balls and the blue balls. He finds a clue on the rack!

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

T																	
4	8	14	11	7	3	13	18	13	12	6	14	17	8	12	10	5	7

											T						
15	7	13	2	14	5	20	12	10	19	14	4	20	12	13	13		

$3 + 1 = \square \rightarrow$ T	$6 + 4 = \square \rightarrow$ S	$5 + 6 = \square \rightarrow$ F	$2 + 1 = \square \rightarrow$ U
$2 + 5 = \square \rightarrow$ O	$1 + 5 = \square \rightarrow$ Y	$8 + 5 = \square \rightarrow$ L	$6 + 13 = \square \rightarrow$ K
$10 + 5 = \square \rightarrow$ G	$8 + 9 = \square \rightarrow$ R	$11 + 7 = \square \rightarrow$ P	
$8 + 4 = \square \rightarrow$ A	$10 + 10 = \square \rightarrow$ B	$10 + 4 = \square \rightarrow$ E	
$2 + 3 = \square \rightarrow$ N	$1 + 1 = \square \rightarrow$ D	$4 + 4 = \square \rightarrow$ H	

Scratch space:

CLUE 2 Subtraction

The coach has a bag of water bottles. Some bottles fall out of the bag. Subtraction tells us how many are left, and we find a clue!

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

T										T									T
16	12	13	8	19	13	15	4	1	16	12	18	13	7	8	12	11	16		
		T		T								T							
2	18	16	12	16	12	13	18	10	14	13	7	16	12	15	19	17			

19 - 3 = → T	14 - 7 = → F	18 - 1 = → D	
20 - 1 = → N	13 - 9 = → K	10 - 2 = → S	
15 - 5 = → R	15 - 3 = → H	20 - 7 = → E	9 - 8 = → Y
16 - 2 = → L	18 - 3 = → A	7 - 5 = → W	20 - 2 = → I
19 - 8 = → O			

Scratch space:

CLUE 3 Skip counting

We count the sneakers on the rack by twos. Two, four, six, eight! A paper clue is tucked inside the last shoe!

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

A					A									
70	42	80	26	33	70	14	110	90	25	21	18	25	110	
42	18	25	30	30	33	90	18	8	33	40	24	25	100	90

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

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

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

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

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

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

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

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

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

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, __, 26, 28 → **C**

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

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

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

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

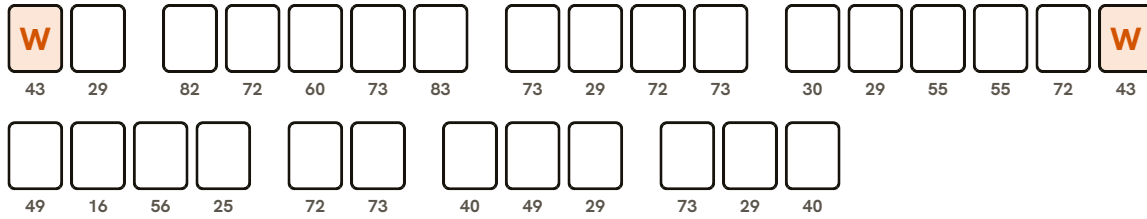
Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, __, 20, 22 → **T**

Scratch space:

CLUE 4 Place value

Look at the giant scoreboard. The score has tens and ones. Let's read the place value to unlock the locker room door!

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



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

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

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

What number has 2 tens and 5 ones? → **R**

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

What number has 2 tens and 9 ones? → **E**

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

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

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

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

What number has 3 tens and 0 ones? → **Y**

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

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

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

Scratch space:

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

We need ten cones for practice. We only have six cones. How many more do we need? Solving this gets us the last 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:

$5 + \underline{\quad} = 6$

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

$10 + \underline{\quad} = 15$

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

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

$2 + \underline{\quad} = 6$

$8 + \underline{\quad} = 15$

$10 + \underline{\quad} = 22$

$1 + \underline{\quad} = 10$

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

$9 + \underline{\quad} = 20$

Step 2 - cross out the sentence with each answer:

1. The villain shot a wild trick shot, then blew a shiny silver whistle.
2. The villain made a super high jump, then squeaked their brand new shoes.
3. The villain made a swift no-look pass, then blew a shiny silver whistle.
4. The villain made a super high jump, then blew a shiny silver whistle.
5. The villain shot a wild trick shot, then adjusted their green sweatband.
6. The villain dribbled past the guard, then blew a shiny silver whistle.
7. The villain dribbled past the guard, then dropped a heavy golden basketball.
8. The villain shot a wild trick shot, then squeaked their brand new shoes.
9. The villain made a super high jump, then adjusted their green sweatband.
10. The villain dribbled past the guard, then shined their glowing sneakers.
11. The villain made a swift no-look pass, then adjusted their green sweatband.
12. The villain made a super high jump, then shined their glowing sneakers.

Answer Key

The Missing Championship Trophy

Culprit: LaMelo

fast dribbling · shiny whistle · left handed shooter · neon yellow hair · squeaky dog toy

Trail: Start 21 → Clue 1 18 → Clue 2 12 → Clue 3 7 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE FOUL PLAYER HAS NO GOLDEN BASKETBALL"

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

Clue 2 (Subtraction): "THE SNEAKY THIEF SHOT WITH THEIR LEFT HAND"

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

Clue 3 (Skip counting): "A SQUEAKY DOG TOY STOPPED THEM COLD"

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

Clue 4 (Place value): "WE FOUND NEON YELLOW HAIR ON THE NET"

What number has 4 tens and 3 ones? = 43 (W) · What number has 5 tens and 5 ones? = 55 (L) · What number has 7 tens and 3 ones? = 73 (N) · What number has 2 tens and 5 ones? = 25 (R) · What number has 1 ten and 6 ones? = 16 (A) · What number has 2 tens and 9 ones? = 29 (E) · What number has 8 tens and 3 ones? = 83 (D) · What number has 8 tens and 2 ones? = 82 (F) · What number has 5 tens and 6 ones? = 56 (I) · What number has 6 tens and 0 ones? = 60 (U) · What number has 3 tens and 0 ones? = 30 (Y) · What number has 4 tens and 9 ones? = 49 (H) · What number has 4 tens and 0 ones? = 40 (T) · What number has 7 tens and 2 ones? = 72 (O)

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

$5 + \underline{\quad} = 6 = 1$ · $7 + \underline{\quad} = 15 = 8$ · $10 + \underline{\quad} = 15 = 5$ · $5 + \underline{\quad} = 7 = 2$ · $5 + \underline{\quad} = 15 = 10$ · $2 + \underline{\quad} = 6 = 4$ · $8 + \underline{\quad} = 15 = 7$ · $10 + \underline{\quad} = 22 = 12$ · $1 + \underline{\quad} = 10 = 9$ · $9 + \underline{\quad} = 12 = 3$ · $9 + \underline{\quad} = 20 = 11$