



The Missing Championship Ball

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

Detective: _____ Date: _____

The big game is tonight! But someone took the golden championship softball from the trophy case. The field is muddy, and we found cleats marks near the dugout. Help the team find the runaway runner so we can play ball!

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 Runaway Runner is _____

Possible suspects

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

NAME	BEST PITCH	LUCKY GEAR	THROWING HAND	GAME DAY HAIR	SECRET WEAKNESS
Jennie Finch	Bunt Kick	Wrist Band	Left Handed	Blonde Ponytail	Slow Pitch
Kelly Kretschman	Fast Pitch	Bright Visor	Right Handed	Blonde Ponytail	Slow Pitch
Cat Osterman	Power Hit	Bright Visor	Right Handed	Blonde Ponytail	Slow Pitch
Jocelyn Alo	Curve Ball	Cleat Spikes	Left Handed	Blonde Ponytail	Slow Pitch
Grace Lyons	Deep Catch	Cleat Spikes	Left Handed	Blonde Ponytail	Dust Storm
Keilani Ricketts	Power Hit	Grip Tape	Left Handed	Brown Braid	Slow Pitch
Jordy Bahl	Deep Catch	Grip Tape	Right Handed	Black Bun	Loud Cheers
Amanda Chidester	Bunt Kick	Eye Black	Left Handed	Blonde Ponytail	Slow Pitch
Megan Faraimo	Bunt Kick	Wrist Band	Left Handed	Brown Braid	Dust Storm
Aliyah Andrews	Bunt Kick	Grip Tape	Left Handed	Black Bun	Dust Storm
Monica Abbott	Power Hit	Cleat Spikes	Left Handed	Black Bun	Dust Storm
Aubree Munroe	Fast Pitch	Eye Black	Left Handed	Blonde Ponytail	Slow Pitch
Montana Fouts	Bunt Kick	Grip Tape	Left Handed	Brown Braid	Dust Storm
Valerie Cagle	Deep Catch	Eye Black	Right Handed	Blonde Ponytail	Slow Pitch
Lauren Chamberlain	Curve Ball	Grip Tape	Right Handed	Blonde Ponytail	Dust Storm
Haylie McCleney	Curve Ball	Wrist Band	Right Handed	Blonde Ponytail	Slow Pitch
Tiare Jennings	Bunt Kick	Grip Tape	Left Handed	Blonde Ponytail	Loud Cheers
Jayda Coleman	Curve Ball	Bright Visor	Left Handed	Blonde Ponytail	Dust Storm
Dejah Mulipola	Deep Catch	Grip Tape	Left Handed	Blonde Ponytail	Slow Pitch
Sierra Romero	Fast Pitch	Cleat Spikes	Right Handed	Blonde Ponytail	Dust Storm
Sis Bates	Power Hit	Cleat Spikes	Left Handed	Black Bun	Loud Cheers

CLUE 1 Addition

We need to add up all the softballs in the yellow buckets to see how many we have.

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

T																T
14	16	19	2	3	4	4	10	3	13	11	17	19	20	13	17	14

									T				
6	19	10	7	10	6	7	3	20	14	18	10	13	11

$10 + 4 = \square \rightarrow$ T	$6 + 10 = \square \rightarrow$ H	$1 + 2 = \square \rightarrow$ I	
$1 + 1 = \square \rightarrow$ V	$6 + 7 = \square \rightarrow$ N	$4 + 6 = \square \rightarrow$ A	$8 + 3 = \square \rightarrow$ D
$1 + 5 = \square \rightarrow$ W	$2 + 2 = \square \rightarrow$ L	$4 + 3 = \square \rightarrow$ R	$6 + 12 = \square \rightarrow$ B
$10 + 7 = \square \rightarrow$ O	$9 + 11 = \square \rightarrow$ S	$6 + 13 = \square \rightarrow$ E	

Scratch space:

CLUE 2

S

Diagram illustrating a sequence of 15 boxes (1 to 15) arranged in two rows. The boxes contain numbers or the letter 'T'.

Row 1 (Top):

- Box 1: T
- Box 3:
- Box 15:
- Box 2:
- Box 8:
- Box 4:
- Box 2:
- Box 8:
- Box 1: T
- Box 1: T
- Box 15:
- Box 12:
- Box 18:
- Box 10:
- Box 19:
- Box 15:
- Box 16:
- Box 1: T

Row 2 (Bottom):

- Box 3:
- Box 8:
- Box 6:
- Box 4:
- Box 15:
- Box 4:

$7 - 6 = \square \rightarrow \boxed{\text{T}}$

13 - 7 = → **N**

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

$19 - 7 = \square \rightarrow \boxed{\mathbf{R}}$

10 - 7 = → **H**

$17 - 7 = \square \rightarrow \boxed{\text{S}}$

9 - 1 = → **A**

$5 - 1 = \square \rightarrow \boxed{\text{D}}$

$20 - 4 = \square \rightarrow \boxed{\mathbf{F}}$

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

$$16 - 1 = \boxed{} \rightarrow \boxed{\text{E}}$$

$7 - 5 = \square \rightarrow \boxed{\text{B}}$

Scratch space:

CLUE 3

Skip counting

We counted the muddy cleats by the bench. We counted them by twos.

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

T										T			T						
40	21	36	140	10	12	70	70	25	40	21	33	40	12	39	55	25	120		

		T		
65	33	40	10	21

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

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

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

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

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

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

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, __, 70, 75 → **P**

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

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

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

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

Scratch space:

CLUE 4

Place value

The electric scoreboard shows the score using tens and ones.

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

W													
68	47	61	36	71	14	33	77	86	96	36	14	33	47

94	36	14	39	44	77	70	96	19	77	70	54

What number has 6 tens and 8 ones?

→ **W**

What number has 9 tens and 4 ones?

→ **P**

What number has 7 tens and 7 ones?

→ **A**

What number has 3 tens and 6 ones?

→ **O**

What number has 1 ten and 4 ones?

→ **N**

What number has 3 tens and 3 ones?

→ **D**

What number has 1 ten and 9 ones?

→ **H**

What number has 7 tens and 0 ones?

→ **I**

What number has 4 tens and 4 ones?

→ **T**

What number has 5 tens and 4 ones?

→ **R**

What number has 3 tens and 9 ones?

→ **Y**

What number has 4 tens and 7 ones?

→ **E**

What number has 7 tens and 1 one?

→ **U**

What number has 8 tens and 6 ones?

→ **B**

What number has 6 tens and 1 one?

→ **F**

What number has 9 tens and 6 ones?

→ **L**

Scratch space:

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

We have some metal bats in the bag, but we need more to make a full set.

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:

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

$8 + \underline{\quad} = 10$

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

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

$1 + \underline{\quad} = 4$

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

$7 + \underline{\quad} = 14$

$9 + \underline{\quad} = 10$

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

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

$2 + \underline{\quad} = 7$

Step 2 - cross out the sentence with each answer:

1. The villain hits a massive home run, then checks their sticky grip tape.
2. The villain hits a massive home run, then cleans their metal cleat spikes.
3. The villain slides safely into home, then cleans their metal cleat spikes.
4. The villain throws a super fast pitch, then shows off a bright visor.
5. The villain hits a massive home run, then wipes away their dark eye black.
6. The villain throws a super fast pitch, then cleans their metal cleat spikes.
7. The villain steals second base fast, then cleans their metal cleat spikes.
8. The villain hits a massive home run, then adjusts their soft wrist band.
9. The villain slides safely into home, then checks their sticky grip tape.
10. The villain steals second base fast, then wipes away their dark eye black.
11. The villain steals second base fast, then adjusts their soft wrist band.
12. The villain throws a super fast pitch, then wipes away their dark eye black.

Answer Key

The Missing Championship Ball

Culprit: Amanda Chidester

Bunt Kick · Eye Black · Left Handed · Blonde Ponytail · Slow Pitch

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

Clue 1 (Addition): "THE VILLAIN DOES NOT WEAR A WRIST BAND"

$10 + 4 = 14$ (T) · $6 + 10 = 16$ (H) · $1 + 2 = 3$ (I) · $1 + 1 = 2$ (V) · $6 + 7 = 13$ (N) · $4 + 6 = 10$ (A) · $8 + 3 = 11$ (D) · $1 + 5 = 6$ (W) · $2 + 2 = 4$ (L) · $4 + 3 = 7$ (R) · $6 + 12 = 18$ (B) · $10 + 7 = 17$ (O) · $9 + 11 = 20$ (S) · $6 + 13 = 19$ (E)

Clue 2 (Subtraction): "THE BAD BATTER IS LEFT HANDED"

$7 - 6 = 1$ (T) · $13 - 7 = 6$ (N) · $20 - 1 = 19$ (L) · $19 - 7 = 12$ (R) · $10 - 7 = 3$ (H) · $17 - 7 = 10$ (S) · $9 - 1 = 8$ (A) · $5 - 1 = 4$ (D) · $20 - 4 = 16$ (F) · $19 - 1 = 18$ (I) · $16 - 1 = 15$ (E) · $7 - 5 = 2$ (B)

Clue 3 (Skip counting): "THEY CANNOT HIT A SLOW PITCH"

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, __, 45, 50 = 40 (T) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, __, 60, 65 = 55 (L) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, __, 36, 39 = 33 (I) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, __, 130, 140 = 120 (W) · 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 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, __, 42, 45 = 39 (S) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, __, 30, 35 = 25 (O) · Skip-count by 3s. Fill the blank: 3, 6, 9, __, 15, 18 = 12 (A) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, __, 70, 75 = 65 (P) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, __, 75, 80 = 70 (N) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, __, 12, 14 = 10 (C) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, __, 24, 27 = 21 (H) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, __, 39, 42 = 36 (E)

Clue 4 (Place value): "WE FOUND A BLONDE PONYTAIL HAIR"

What number has 6 tens and 8 ones? = 68 (W) · What number has 9 tens and 4 ones? = 94 (P) · What number has 7 tens and 7 ones? = 77 (A) · What number has 3 tens and 6 ones? = 36 (O) · What number has 1 ten and 4 ones? = 14 (N) · What number has 3 tens and 3 ones? = 33 (D) · What number has 1 ten and 9 ones? = 19 (H) · What number has 7 tens and 0 ones? = 70 (I) · What number has 4 tens and 4 ones? = 44 (T) · What number has 5 tens and 4 ones? = 54 (R) · What number has 3 tens and 9 ones? = 39 (Y) · What number has 4 tens and 7 ones? = 47 (E) · What number has 7 tens and 1 one? = 71 (U) · What number has 8 tens and 6 ones? = 86 (B) · What number has 6 tens and 1 one? = 61 (F) · What number has 9 tens and 6 ones? = 96 (L)

Clue 5 (Missing addends): surviving statement is box 10 → Amanda Chidester

$10 + \underline{\quad} = 19 = 9$ · $8 + \underline{\quad} = 10 = 2$ · $9 + \underline{\quad} = 21 = 12$ · $8 + \underline{\quad} = 16 = 8$ · $1 + \underline{\quad} = 4 = 3$ · $2 + \underline{\quad} = 8 = 6$ · $7 + \underline{\quad} = 14 = 7$ · $9 + \underline{\quad} = 10 = 1$ · $9 + \underline{\quad} = 13 = 4$ · $8 + \underline{\quad} = 19 = 11$ · $2 + \underline{\quad} = 7 = 5$