



The Mascot Mask Mystery

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

Detective: _____ Date: _____

Someone took the lucky golden baseball before the big game at Grand Slam Park. Help Coach Miller solve math clues to catch the stadium sneak.

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 stadium sneak is _____

Possible suspects

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

NAME	SKILL	TROPHY	THROWING HAND	CAP COLOR	SNACK
Vladimir Guerrero	Catching	Diamond Trophy	Left Handed	Black Cap	Bubble Gum
Ronald Acuna	Pitching	Gold Glove	Left Handed	Blue Cap	Bubble Gum
Bo Bichette	Outfielding	Gold Glove	Right Handed	Red Cap	Sunflower Seeds
Bryce Harper	Batting	Gold Glove	Right Handed	Black Cap	Sports Drink
Rafael Devers	Pitching	Championship Ring	Right Handed	Black Cap	Bubble Gum
Freddie Freeman	Pitching	Championship Ring	Right Handed	Red Cap	Bubble Gum
Bobby Witt	Batting	Silver Slugger	Right Handed	Black Cap	Sports Drink
Mookie Betts	Base Running	Silver Slugger	Left Handed	Black Cap	Sports Drink
Corbin Carroll	Batting	Diamond Trophy	Right Handed	Black Cap	Sports Drink
Julio Rodriguez	Outfielding	Diamond Trophy	Left Handed	Blue Cap	Sports Drink
Aaron Judge	Catching	Diamond Trophy	Left Handed	Blue Cap	Sunflower Seeds
Gerrit Cole	Pitching	MVP Medal	Right Handed	Black Cap	Bubble Gum
Gunnar Henderson	Batting	MVP Medal	Right Handed	Black Cap	Bubble Gum
Adley Rutschman	Outfielding	MVP Medal	Left Handed	Blue Cap	Bubble Gum
Trea Turner	Outfielding	Championship Ring	Right Handed	Black Cap	Sunflower Seeds
Shohei Ohtani	Outfielding	Gold Glove	Right Handed	Red Cap	Sports Drink
Juan Soto	Pitching	MVP Medal	Right Handed	Black Cap	Sports Drink
Mike Trout	Pitching	Gold Glove	Right Handed	Red Cap	Sports Drink
Austin Riley	Base Running	MVP Medal	Left Handed	Black Cap	Sports Drink
Jose Altuve	Base Running	Championship Ring	Right Handed	Black Cap	Sports Drink
Shane Bieber	Pitching	Diamond Trophy	Left Handed	Blue Cap	Bubble Gum

CLUE 1 Addition

Coach Miller adds baseballs from two buckets to unlock clue one.

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

T																T
20	18	14	11	15	9	9	13	15	7	8	4	14	12	7	4	20

18	13	11	14	13	5	18	13	19	3	15	4	7	12	18	15	3

10	15	7	16

$7 + 13 = \square \rightarrow \text{T}$	$3 + 4 = \square \rightarrow \text{N}$	$1 + 3 = \square \rightarrow \text{O}$	$1 + 2 = \square \rightarrow \text{P}$
$8 + 5 = \square \rightarrow \text{A}$	$7 + 11 = \square \rightarrow \text{H}$	$8 + 11 = \square \rightarrow \text{M}$	
$4 + 10 = \square \rightarrow \text{E}$	$5 + 3 = \square \rightarrow \text{D}$	$6 + 6 = \square \rightarrow \text{S}$	$7 + 8 = \square \rightarrow \text{I}$
$3 + 6 = \square \rightarrow \text{L}$	$9 + 7 = \square \rightarrow \text{G}$	$2 + 3 = \square \rightarrow \text{C}$	$6 + 4 = \square \rightarrow \text{R}$
$7 + 4 = \square \rightarrow \text{V}$			

Scratch space:

CLUE 2

Subtraction

Subtract the missing bats on the rack to reveal clue two.

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

T									T							T
13	17	3	5	8	5	15	3	18	13	11	5	9	11	10	17	13

17	2	12	7	3	7

$19 - 6 = \square \rightarrow \boxed{\text{T}}$

$6 - 3 = \square \rightarrow \boxed{\text{E}}$

$15 - 3 = \square \rightarrow \boxed{\text{N}}$

$20 - 2 = \square \rightarrow \boxed{\text{C}}$

$18 - 9 = \square \rightarrow \boxed{\text{R}}$

$17 - 2 = \square \rightarrow \boxed{\text{P}}$

$10 - 5 = \square \rightarrow \boxed{\text{S}}$

$10 - 3 = \square \rightarrow \boxed{\text{D}}$

$19 - 2 = \square \rightarrow \boxed{\text{H}}$

$10 - 8 = \square \rightarrow \boxed{\text{A}}$

$10 - 2 = \square \rightarrow \boxed{\text{U}}$

$16 - 6 = \square \rightarrow \boxed{\text{G}}$

$16 - 5 = \square \rightarrow \boxed{\text{I}}$

Scratch space:

CLUE 3 Skip counting

Skip count the seats by tens to open clue three.

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

T																			
14	39	100	8	65	100	26	10	70	55	90	26	70	100	30	90	27	110	100	8
				T															
8	55	27	30	14	8	35	30	130	65	10									

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

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

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

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

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

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

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

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

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

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

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

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

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

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

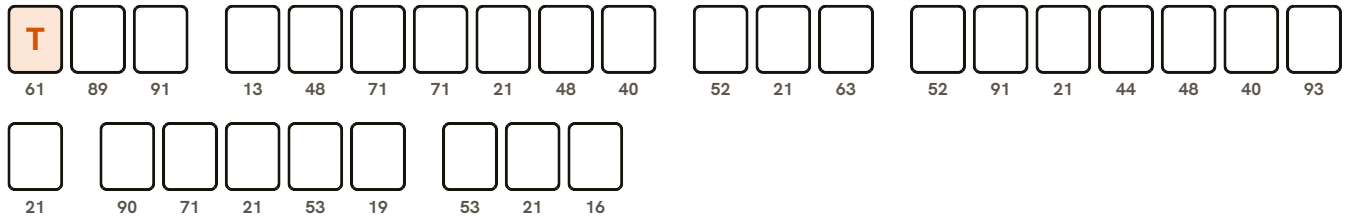
Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, __, 35, 40 → **R**

Scratch space:

CLUE 4 Place value

Look at the tens and ones on the scoreboard for clue four.

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



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

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

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

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

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

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

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

What number has 1 ten and 3 ones? → **V**

What number has 7 tens and 1 one? → **L**

What number has 2 tens and 1 one? → **A**

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

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

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

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

What number has 9 tens and 0 ones? → **B**

What number has 9 tens and 3 ones? → **G**

Scratch space:

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

Find the missing number of helmets to finish clue five.

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:

$9 + \underline{\quad} = 14$

$6 + \underline{\quad} = 12$

$6 + \underline{\quad} = 18$

$4 + \underline{\quad} = 15$

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

$5 + \underline{\quad} = 12$

$7 + \underline{\quad} = 10$

$9 + \underline{\quad} = 11$

$10 + \underline{\quad} = 20$

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

$7 + \underline{\quad} = 16$

Step 2 - cross out the sentence with each answer:

1. The villain dived in the outfield, then flashed a gold glove.
2. The villain hit a huge home run, then wore an mvp medal.
3. The villain dived in the outfield, then lifted a diamond trophy.
4. The villain pitched a fast strike, then flashed a gold glove.
5. The villain hit a huge home run, then showed a silver slugger.
6. The villain pitched a fast strike, then wore an mvp medal.
7. The villain dived in the outfield, then showed a silver slugger.
8. The villain hit a huge home run, then lifted a diamond trophy.
9. The villain pitched a fast strike, then polished a championship ring.
10. The villain pitched a fast strike, then showed a silver slugger.
11. The villain stole second base, then polished a championship ring.
12. The villain hit a huge home run, then flashed a gold glove.

Answer Key

The Mascot Mask Mystery

Culprit: Corbin Carroll

Batting · Diamond Trophy · Right Handed · Black Cap · Sports Drink

Trail: Start 21 → Clue 1 17 → Clue 2 9 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE VILLAIN DOES NOT HAVE A CHAMPIONSHIP RING"

$7 + 13 = 20$ (T) · $3 + 4 = 7$ (N) · $1 + 3 = 4$ (O) · $1 + 2 = 3$ (P) · $8 + 5 = 13$ (A) · $7 + 11 = 18$ (H) · $8 + 11 = 19$ (M) · $4 + 10 = 14$ (E) · $5 + 3 = 8$ (D) · $6 + 6 = 12$ (S) · $7 + 8 = 15$ (I) · $3 + 6 = 9$ (L) · $9 + 7 = 16$ (G) · $2 + 3 = 5$ (C) · $6 + 4 = 10$ (R) · $7 + 4 = 11$ (V)

Clue 2 (Subtraction): "THE SUSPECT IS RIGHT HANDED"

$19 - 6 = 13$ (T) · $6 - 3 = 3$ (E) · $15 - 3 = 12$ (N) · $20 - 2 = 18$ (C) · $18 - 9 = 9$ (R) · $17 - 2 = 15$ (P) · $10 - 5 = 5$ (S) · $10 - 3 = 7$ (D) · $19 - 2 = 17$ (H) · $10 - 8 = 2$ (A) · $10 - 2 = 8$ (U) · $16 - 6 = 10$ (G) · $16 - 5 = 11$ (I)

Clue 3 (Skip counting): "THE SNEAKY PLAYER LOVES SPORTS DRINK"

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, __, 16, 18 = 14 (T) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, __, 42, 45 = 39 (H) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, __, 70, 75 = 65 (N) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, __, 28, 30 = 26 (A) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, __, 140, 150 = 130 (I) · Skip-count by 2s. Fill the blank: 2, 4, 6, __, 10, 12 = 8 (S) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, __, 40, 45 = 35 (D) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, __, 110, 120 = 100 (E) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, __, 60, 65 = 55 (P) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, __, 100, 110 = 90 (L) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, __, 30, 33 = 27 (O) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, __, 80, 90 = 70 (Y) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, __, 12, 14 = 10 (K) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, __, 120, 130 = 110 (V) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, __, 35, 40 = 30 (R)

Clue 4 (Place value): "THE VILLAIN WAS WEARING A BLACK CAP"

What number has 6 tens and 1 one? = 61 (T) · What number has 5 tens and 2 ones? = 52 (W) · What number has 5 tens and 3 ones? = 53 (C) · What number has 9 tens and 1 one? = 91 (E) · What number has 4 tens and 0 ones? = 40 (N) · What number has 4 tens and 4 ones? = 44 (R) · What number has 1 ten and 6 ones? = 16 (P) · What number has 1 ten and 3 ones? = 13 (V) · What number has 7 tens and 1 one? = 71 (L) · What number has 2 tens and 1 one? = 21 (A) · What number has 6 tens and 3 ones? = 63 (S) · What number has 8 tens and 9 ones? = 89 (H) · What number has 4 tens and 8 ones? = 48 (I) · What number has 1 ten and 9 ones? = 19 (K) · What number has 9 tens and 0 ones? = 90 (B) · What number has 9 tens and 3 ones? = 93 (G)

Clue 5 (Missing addends): surviving statement is box 8 → Corbin Carroll

$9 + \underline{\quad} = 14 = 5$ · $6 + \underline{\quad} = 12 = 6$ · $6 + \underline{\quad} = 18 = 12$ · $4 + \underline{\quad} = 15 = 11$ · $8 + \underline{\quad} = 9 = 1$ · $5 + \underline{\quad} = 12 = 7$ · $7 + \underline{\quad} = 10 = 3$ · $9 + \underline{\quad} = 11 = 2$ · $10 + \underline{\quad} = 20 = 10$ · $7 + \underline{\quad} = 11 = 4$ · $7 + \underline{\quad} = 16 = 9$