The Mystery of the Missing Mascot Barrel

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

Detective: _____ **Date:** _____

Someone took the mascot barrel right before the big game! The stadium doors are locked. Use clues to catch the prankster.

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 prankster is _____

Possible suspects

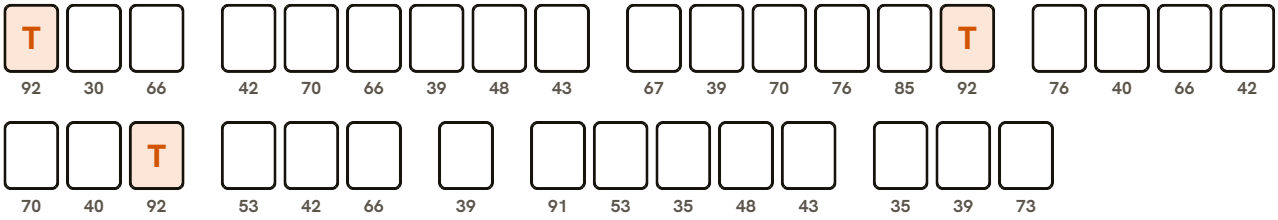
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	SIGNATURE PLAY	SPECIAL GEAR	GLOVE HAND	TEAM CAP	DISTRACTION
Robin Yount	Fastball Pitch	Bubble Gum	Left Handed Glove	Yellow Cap	Cold Lemonade
Ryan Braun	Power Slide	Bubble Gum	Right Handed Glove	Blue Cap	Loud Cheering
William Contreras	Fastball Pitch	Bubble Gum	Left Handed Glove	Blue Cap	Cold Lemonade
Christian Yelich	Power Slide	Super Bat	Right Handed Glove	Yellow Cap	Loud Cheering
Harvey Kuenn	Home Run Hit	Super Bat	Left Handed Glove	Blue Cap	Cold Lemonade
Jackson Chourio	Bunt Dash	Bubble Gum	Left Handed Glove	Yellow Cap	Cold Lemonade
Rhys Hoskins	Power Slide	Gold Glove	Left Handed Glove	Blue Cap	Cold Lemonade
Brice Turang	Home Run Hit	Radar Gun	Right Handed Glove	Blue Cap	Loud Cheering
Corey Hart	Bunt Dash	Bubble Gum	Left Handed Glove	White Cap	Loud Cheering
Rollie Fingers	High Fly Ball	Gold Glove	Left Handed Glove	Yellow Cap	Loud Cheering
Cecil Fielder	High Fly Ball	Bubble Gum	Right Handed Glove	Yellow Cap	Cold Lemonade
Dan Plesac	Power Slide	Radar Gun	Left Handed Glove	Yellow Cap	Loud Cheering
Prince Fielder	Power Slide	Bubble Gum	Right Handed Glove	Blue Cap	Salty Peanuts
Joey Ortiz	Home Run Hit	Lucky Cap	Right Handed Glove	Blue Cap	Cold Lemonade
Geoff Jenkins	High Fly Ball	Bubble Gum	Left Handed Glove	Yellow Cap	Loud Cheering
Freddy Peralta	Power Slide	Bubble Gum	Right Handed Glove	White Cap	Salty Peanuts
Devin Williams	High Fly Ball	Lucky Cap	Left Handed Glove	Blue Cap	Salty Peanuts
BJ Surhoff	High Fly Ball	Lucky Cap	Right Handed Glove	Blue Cap	Salty Peanuts
Gorman Thomas	Fastball Pitch	Radar Gun	Right Handed Glove	Yellow Cap	Salty Peanuts
Willy Adames	Fastball Pitch	Lucky Cap	Left Handed Glove	Yellow Cap	Loud Cheering
Paul Molitor	Bunt Dash	Gold Glove	Left Handed Glove	Yellow Cap	Loud Cheering

CLUE 1 Addition

You count up all the base hits scored in the first two innings to open a mystery locker.

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



60 + 32 = ☐ → T

32 + 59 = ☐ → L

18 + 21 = ☐ → A

19 + 21 = ☐ → O

11 + 19 = ☐ → H

37 + 16 = ☐ → U

52 + 21 = ☐ → P

52 + 33 = ☐ → I

32 + 38 = ☐ → N

13 + 29 = ☐ → S

23 + 20 = ☐ → Y

34 + 32 = ☐ → E

19 + 29 = ☐ → K

23 + 12 = ☐ → C

22 + 54 = ☐ → D

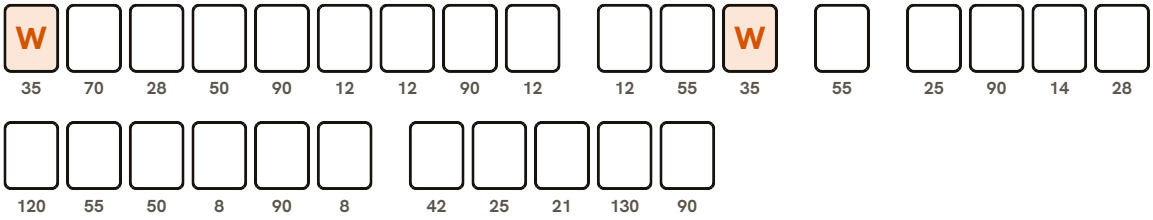
25 + 42 = ☐ → B

Scratch space:

CLUE 2 Skip counting

You count the stadium rows by twos to find a secret note left on a seat.

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



Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, ___, 40, 45 ☐ → W

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, ___, 30, 35 ☐ → L

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, ___, 16, 18 ☐ → F

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, ___, 24, 27 ☐ → O

Skip-count by 2s. Fill the blank: 2, 4, 6, ___, 10, 12 ☐ → D

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

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

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, ___, 55, 60 ☐ → N

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

Skip-count by 3s. Fill the blank: 3, 6, 9, ___, 15, 18 ☐ → S

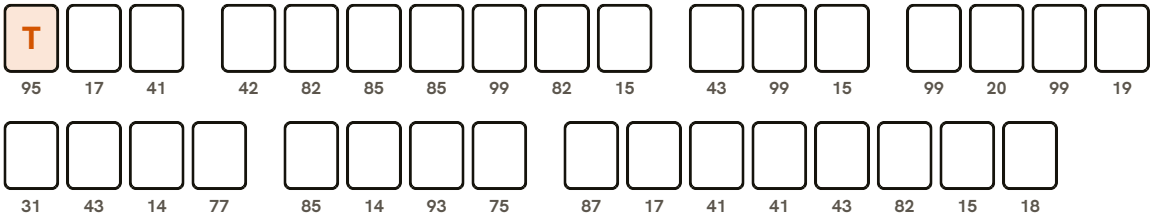
Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, ___, 75, 80 → I

Scratch space:

CLUE 3 Place value

The scoreboard blinks a number with tens and ones to reveal a hidden code.

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



What number has 9 tens and 5 ones? ☐ → T

What number has 9 tens and 3 ones? ☐ → U

What number has 7 tens and 7 ones? ☐ → M

What number has 4 tens and 2 ones? ☐ → V

What number has 1 ten and 7 ones? ☐ → H

What number has 7 tens and 5 ones? ☐ → D

What number has 1 ten and 4 ones? ☐ → O

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

What number has 1 ten and 5 ones? ☐ → N

What number has 8 tens and 7 ones? ☐ → C

What number has 1 ten and 9 ones? ☐ → Y

What number has 3 tens and 1 one? ☐ → F

What number has 4 tens and 1 one? ☐ → E

What number has 8 tens and 5 ones? ☐ → L

What number has 9 tens and 9 ones? ☐ → A

What number has 1 ten and 8 ones? ☐ → G

What number has 2 tens and 0 ones? ☐ → W

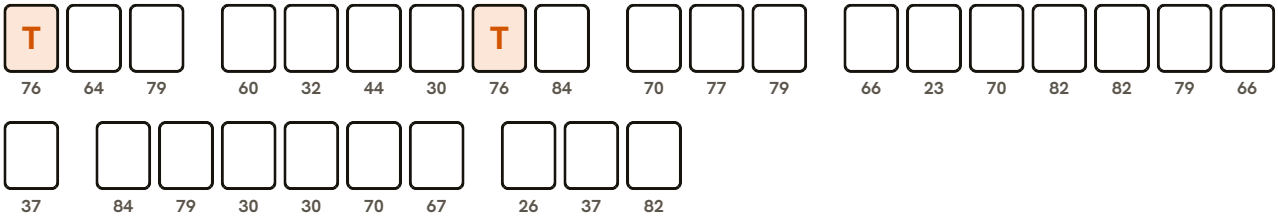
What number has 8 tens and 2 ones? ☐ → I

Scratch space:

CLUE 4 Subtraction

You take away the dropped souvenir balls from the total pile to spot a clue.

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



104 - 28 = ☐ → T

100 - 36 = ☐ → H

99 - 29 = ☐ → O

87 - 8 = ☐ → E

90 - 6 = ☐ → Y

44 - 12 = ☐ → U

42 - 16 = ☐ → C

98 - 38 = ☐ → G

121 - 39 = ☐ → P

111 - 34 = ☐ → N

74 - 37 = ☐ → A

30 - 7 = ☐ → R

56 - 12 = ☐ → I

71 - 5 = ☐ → D

85 - 18 = ☐ → W

46 - 16 = ☐ → L

Scratch space:

CLUE 5 Missing addends - the last clue

You figure out how many more bats are needed to fill the rack and unlock the gate.

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:

2 + ___ = 7 ☐	3 + ___ = 15 ☐	6 + ___ = 15 ☐	7 + ___ = 17 ☐
4 + ___ = 6 ☐	1 + ___ = 7 ☐	6 + ___ = 7 ☐	2 + ___ = 10 ☐
4 + ___ = 8 ☐	6 + ___ = 9 ☐		

2 + ___ = 13 ☐

Step 2 - cross out the sentence with each answer:

1. The villain slid into home base, then swung a super bat.
2. The villain laid down a bunt, then blew a giant bubble gum bubble.
3. The villain laid down a bunt, then wore a lucky cap.
4. The villain blasted a home run, then wore a lucky cap.
5. The villain hit a high fly ball, then snagged the ball with a gold glove.
6. The villain blasted a home run, then snagged the ball with a gold glove.
7. The villain laid down a bunt, then snagged the ball with a gold glove.
8. The villain laid down a bunt, then swung a super bat.
9. The villain slid into home base, then checked the radar gun.
10. The villain pitched a fastball, then wore a lucky cap.
11. The villain pitched a fastball, then snagged the ball with a gold glove.
12. The villain hit a high fly ball, then blew a giant bubble gum bubble.

TEACHER / PARENT

Answer Key

The Mystery of the Missing Mascot Barrel

Culprit: Paul Molitor

Bunt Dash · Gold Glove · Left Handed Glove · Yellow Cap · Loud Cheering

Trail: Start 21 → Clue 1 17 → Clue 2 10 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE SNEAKY BANDIT DOES NOT USE A LUCKY CAP"

60 + 32 = 92 (T) · 32 + 59 = 91 (L) · 18 + 21 = 39 (A) · 19 + 21 = 40 (O) · 11 + 19 = 30 (H) · 37 + 16 = 53 (U) · 52 + 21 = 73 (P) · 52 + 33 = 85 (I) · 32 + 38 = 70 (N) · 13 + 29 = 42 (S) · 23 + 20 = 43 (Y) · 34 + 32 = 66 (E) · 19 + 29 = 48 (K) · 23 + 12 = 35 (C) · 22 + 54 = 76 (D) · 25 + 42 = 67 (B)

Clue 2 (Skip counting): "WITNESSES SAW A LEFT HANDED GLOVE"

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, ___, 40, 45 = 35 (W) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, ___, 30, 32 = 28 (T) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, ___, 30, 35 = 25 (L) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, ___, 45, 48 = 42 (G) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, ___, 16, 18 = 14 (F) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, ___, 24, 27 = 21 (O) · Skip-count by 2s. Fill the blank: 2, 4, 6, ___, 10, 12 = 8 (D) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, ___, 140, 150 = 130 (V) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, ___, 130, 140 = 120 (H) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, ___, 60, 65 = 55 (A) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, ___, 55, 60 = 50 (N) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, ___, 100, 110 = 90 (E) · Skip-count by 3s. Fill the blank: 3, 6, 9, ___, 15, 18 = 12 (S) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, ___, 75, 80 = 70 (I)

Clue 3 (Place value): "THE VILLAIN RAN AWAY FROM LOUD CHEERING"

What number has 9 tens and 5 ones? = 95 (T) · What number has 9 tens and 3 ones? = 93 (U) · What number has 7 tens and 7 ones? = 77 (M) · What number has 4 tens and 2 ones? = 42 (V) · What number has 1 ten and 7 ones? = 17 (H) · What number has 7 tens and 5 ones? = 75 (D) · What number has 1 ten and 4 ones? = 14 (O) · What number has 4 tens and 3 ones? = 43 (R) · What number has 1 ten and 5 ones? = 15 (N) · What number has 8 tens and 7 ones? = 87 (C) · What number has 1 ten and 9 ones? = 19 (Y) · What number has 3 tens and 1 one? = 31 (F) · What number has 4 tens and 1 one? = 41 (E) · What number has 8 tens and 5 ones? = 85 (L) · What number has 9 tens and 9 ones? = 99 (A) · What number has 1 ten and 8 ones? = 18 (G) · What number has 2 tens and 0 ones? = 20 (W) · What number has 8 tens and 2 ones? = 82 (I)

Clue 4 (Subtraction): "THE GUILTY ONE DROPPED A YELLOW CAP"

104 - 28 = 76 (T) · 100 - 36 = 64 (H) · 99 - 29 = 70 (O) · 87 - 8 = 79 (E) · 90 - 6 = 84 (Y) · 44 - 12 = 32 (U) · 42 - 16 = 26 (C) · 98 - 38 = 60 (G) · 121 - 39 = 82 (P) · 111 - 34 = 77 (N) · 74 - 37 = 37 (A) · 30 - 7 = 23 (R) · 56 - 12 = 44 (I) · 71 - 5 = 66 (D) · 85 - 18 = 67 (W) · 46 - 16 = 30 (L)

Clue 5 (Missing addends): surviving statement is box 7 → Paul Molitor

2 + ___ = 7 = 5 · 3 + ___ = 15 = 12 · 6 + ___ = 15 = 9 · 7 + ___ = 17 = 10 · 4 + ___ = 6 = 2 · 1 + ___ = 7 = 6 · 6 + ___ = 7 = 1 · 2 + ___ = 10 = 8 · 2 + ___ = 13 = 11 · 4 + ___ = 8 = 4 · 6 + ___ = 9 = 3