



The Wrigley Field Scoreboard Glitch

Grade 5 math · Multiplication, Fractions of a number, Multi-step word problems, Order of operations, Missing addends --
Reading level grades 5-6

Detective: _____ Date: _____

The digital scoreboard at Wrigley Field is flashing wild colors! A mysterious glitcher has bypassed security, moonwalked across the outfield, and swiped the legendary Diamond Bat. The Head Scorekeeper needs your help to decode the clues, solve the Blooket-style math challenges, and unmask the culprit before the big game!

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 Glitch Huntrix is _____

Possible suspects

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

NAME	GLITCH POWER	DANCE MOVE	SPARKLE GLOVE SIDE	CAP AND HAIR STYLE	SECURITY VULNERABILITY
Captain Spellbook	Gold Glove Shield	Mystic Arrow Hail	Left Hand Sparkle Glove	Neon Green Pixels	Blooket Shield Potions
Ryne Sandberg	Blook Multiplier	Mystic Arrow Hail	Right Hand Sparkle Glove	Neon Green Pixels	Loud Pop Music Beats
Phantom Fox	Moonwalk Teleport	Line Drive Blast	Right Hand Sparkle Glove	Neon Green Pixels	Blooket Shield Potions
Ben Zobrist	Blook Multiplier	Line Drive Blast	Right Hand Sparkle Glove	Neon Green Pixels	Blooket Shield Potions
Mad Hatter Blook	Ivy Vine Grapple	Line Drive Blast	Right Hand Sparkle Glove	Blue Cubs Cap Hair	Loud Pop Music Beats
Ian Happ	Ivy Vine Grapple	Mystic Arrow Hail	Right Hand Sparkle Glove	Blue Cubs Cap Hair	Chalk Line Marker
Seiya Suzuki	Moonwalk Teleport	Token Blizzard	Right Hand Sparkle Glove	Neon Green Pixels	Chalk Line Marker
Ron Santo	Laser Arrow Shot	Line Drive Blast	Right Hand Sparkle Glove	Neon Green Pixels	Blooket Shield Potions
Spooky Ghost Blook	Gold Glove Shield	Smooth Slide	Left Hand Sparkle Glove	Neon Green Pixels	Blooket Shield Potions
Master Archer	Ivy Vine Grapple	Token Blizzard	Left Hand Sparkle Glove	Blue Cubs Cap Hair	Chalk Line Marker
Cody Bellinger	Ivy Vine Grapple	Mystic Arrow Hail	Right Hand Sparkle Glove	Neon Green Pixels	Blooket Shield Potions
Ernie Banks	Laser Arrow Shot	Smooth Slide	Right Hand Sparkle Glove	Blue Cubs Cap Hair	Blooket Shield Potions
Sammy Sosa	Moonwalk Teleport	Mystic Arrow Hail	Right Hand Sparkle Glove	Neon Green Pixels	Loud Pop Music Beats
Dansby Swanson	Laser Arrow Shot	Line Drive Blast	Right Hand Sparkle Glove	Blue Cubs Cap Hair	Loud Pop Music Beats
Fergie Jenkins	Moonwalk Teleport	Token Blizzard	Left Hand Sparkle Glove	Curly Black Fedora Hair	Chalk Line Marker
Thriller Zombie	Gold Glove Shield	Line Drive Blast	Right Hand Sparkle Glove	Neon Green Pixels	Blooket Shield Potions
Clark the Bear	Blook Multiplier	Line Drive Blast	Right Hand Sparkle Glove	Curly Black Fedora Hair	Blooket Shield Potions
Harry Caray	Laser Arrow Shot	Smooth Slide	Left Hand Sparkle Glove	Blue Cubs Cap Hair	Chalk Line Marker
Speed Runner	Blook Multiplier	Spooky Thriller Dance	Right Hand Sparkle Glove	Neon Green Pixels	Chalk Line Marker
Annie Areyouok	Moonwalk Teleport	Smooth Slide	Left Hand Sparkle Glove	Blue Cubs Cap Hair	Blooket Shield Potions
Justin Steele	Gold Glove Shield	Spooky Thriller Dance	Left Hand Sparkle Glove	Neon Green Pixels	Loud Pop Music Beats

CLUE 1

Multiplication facts (1-12)

We count the rows of digital Blook tokens left on the Wrigley outfield. We multiply the rows and columns to find the total left behind.

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

T																T	
72	120	88	110	2	14	14	32	2	70	4	100	88	63	70	100	72	
						T											
9	63	88	27	7	63	72	2	20	32	11	11	100	90	120	32	2	14

$9 \times 8 = \square \rightarrow \boxed{\text{T}}$

$4 \times 1 = \square \rightarrow \boxed{\text{D}}$

$10 \times 9 = \square \rightarrow \boxed{\text{W}}$

$12 \times 10 = \square \rightarrow \boxed{\text{H}}$

$1 \times 2 = \square \rightarrow \boxed{\text{I}}$

$9 \times 7 = \square \rightarrow \boxed{\text{S}}$

$1 \times 9 = \square \rightarrow \boxed{\text{U}}$

$7 \times 10 = \square \rightarrow \boxed{\text{N}}$

$3 \times 9 = \square \rightarrow \boxed{\text{M}}$

$7 \times 1 = \square \rightarrow \boxed{\text{Y}}$

$11 \times 10 = \square \rightarrow \boxed{\text{V}}$

$10 \times 2 = \square \rightarrow \boxed{\text{C}}$

$11 \times 8 = \square \rightarrow \boxed{\text{E}}$

$10 \times 10 = \square \rightarrow \boxed{\text{O}}$

$2 \times 7 = \square \rightarrow \boxed{\text{L}}$

$11 \times 1 = \square \rightarrow \boxed{\text{R}}$

$4 \times 8 = \square \rightarrow \boxed{\text{A}}$

Scratch space:

Fractions of a number

The stadium scoreboard is partially glitched. We can only see a fraction of the total registered Cubs fans in the arena database.

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

21 24 40 3 33 12 32 21 24 39 19 19 32 17 39 36 19 4 32

3 37 26 4 19 4 40 36 17 39 36 12 18

$$\frac{1}{5} \text{ of } 105 = \boxed{} \rightarrow \boxed{\text{S}}$$

$\frac{1}{2}$ of 80 = $\rightarrow$ **A**

4/8 of 34 = → **D**

$\frac{1}{3}$ of 12 = $\rightarrow$ **H**

$2/8$ of 144 = $\rightarrow$ **N**

$2/10$ of $160 = \boxed{} \rightarrow \boxed{\text{E}}$

5/10 of 74 = →

$$1/5 \text{ of } 195 = \boxed{} \rightarrow \boxed{0}$$

$$3/6 \text{ of } 6 = \boxed{} \rightarrow \boxed{\text{R}}$$

$4/8$ of $38 = \boxed{} \rightarrow \boxed{\text{T}}$

$2/4$ of 36 = $\rightarrow$ **Y**

$$2/8 \text{ of } 96 = \boxed{} \rightarrow \boxed{\text{P}}$$

4/8 of 24 = $\rightarrow$ **L**

$2/5$ of 65 = $\rightarrow$ **G**

$\frac{1}{4}$ of 132 = $\rightarrow$ **K**

Scratch space:

CLUE 3

Multi-step word problems

To open the security vault, we must track the stolen baseball equipment. We must add the bats, subtract the broken ones, and then double the rest.

Solve each problem, then write its letter in the boxes to fill in the missing word.

Someone scared the villain off with

B								H	I			D	P			I		N	
51	26	39	39	16	73	40	10			73	26			39	40		39		10

There were 543 glowing tokens in all. 33 glowing tokens were set aside. The rest were shared equally among 10 The Friendly Confines Crew. How many glowing tokens did each get?

Answer: → **B**

There were 341 baseball bats in all. 29 baseball bats were set aside. The rest were shared equally among 8 The Friendly Confines Crew. How many baseball bats did each get?

Answer: → **O**

Coach Davis earned 3 fedora hats in each of 2 rounds, plus 71 bonus fedora hats. Then 4 fedora hats were lost. How many fedora hats are left?

Answer: → **E**

There were 247 glowing tokens in all. 39 glowing tokens were set aside. The rest were shared equally among 8 The Friendly Confines Crew. How many glowing tokens did each get?

Answer: → **L**

Coach Davis collected 1 baseball bats in the morning and 95 baseball bats in the afternoon, then split them equally among 6 The Friendly Confines Crew. How many baseball bats did each get?

Answer: → **K**

Coach Davis filled 3 boxes with 8 fedora hats each, then found 16 more fedora hats. How many fedora hats are there in all?

Answer: → **T**

There were 118 ivy leaves in all. 2 The Friendly Confines Crew used 34 ivy leaves each. The other 5 The Friendly Confines Crew shared the rest equally. How many ivy leaves did each of the other The Friendly Confines Crew get?

Answer: → **S**

Scratch space:

CLUE 4

Order of operations

The hacker locked the main console with a tricky equation. We have to solve the steps in the correct order of operations to unlock it.

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

G						G					G				
59	80	13	8	36	53	59	53	19	13	53	59	45	19	19	53
21	36	16	19	80	61	8	19	45	19	79	13	9	53	65	
53	19	63	45	44	69										

$8 \times 9 - 13 = \square \rightarrow \boxed{\text{G}}$

$61 + 4 \times 2 = \square \rightarrow \boxed{\text{Y}}$

$11 \times 3 - 17 = \square \rightarrow \boxed{\text{X}}$

$9 \times 5 - 24 = \square \rightarrow \boxed{\text{P}}$

$24 + 7 \times 3 = \square \rightarrow \boxed{\text{R}}$

$26 + 9 \times 6 = \square \rightarrow \boxed{\text{L}}$

$9 + 2 \times 2 = \square \rightarrow \boxed{\text{O}}$

$11 + 6 \times 7 = \square \rightarrow \boxed{\text{N}}$

$24 + 2 \times 6 = \square \rightarrow \boxed{\text{I}}$

$2 + 2 \times 3 = \square \rightarrow \boxed{\text{W}}$

$9 \times 8 - 11 = \square \rightarrow \boxed{\text{S}}$

$10 \times 6 - 16 = \square \rightarrow \boxed{\text{B}}$

$12 \times 8 - 17 = \square \rightarrow \boxed{\text{F}}$

$53 + 3 \times 4 = \square \rightarrow \boxed{\text{D}}$

$1 + 2 \times 4 = \square \rightarrow \boxed{\text{U}}$

$4 \times 6 - 5 = \square \rightarrow \boxed{\text{E}}$

$10 \times 9 - 27 = \square \rightarrow \boxed{\text{A}}$

Scratch space:

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

A pile of golden music notes is missing from the dance stage. We know the total we started with, so we must find the missing amount.

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:

$26 + \underline{\quad} = 27$

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

$3 + \underline{\quad} = 9$

$33 + \underline{\quad} = 40$

$15 + \underline{\quad} = 18$

$3 + \underline{\quad} = 13$

$25 + \underline{\quad} = 29$

$3 + \underline{\quad} = 11$

$36 + \underline{\quad} = 47$

$30 + \underline{\quad} = 32$

$20 + \underline{\quad} = 29$

Step 2 - cross out the sentence with each answer:

1. The villain teleports using a sudden moonwalk, then smashes through the gate with a line drive blast.
2. The villain swings from the outfield ivy vines, then slides smoothly across the pitch.
3. The villain blocks the security lasers with a gold glove, then unleashes a mystic arrow hail.
4. The villain swings from the outfield ivy vines, then shatters the system with a token blizzard.
5. The villain fires a glowing laser arrow, then smashes through the gate with a line drive blast.
6. The villain multiplies their avatar count to escape, then smashes through the gate with a line drive blast.
7. The villain blocks the security lasers with a gold glove, then shatters the system with a token blizzard.
8. The villain multiplies their avatar count to escape, then slides smoothly across the pitch.
9. The villain swings from the outfield ivy vines, then smashes through the gate with a line drive blast.
10. The villain teleports using a sudden moonwalk, then shatters the system with a token blizzard.
11. The villain teleports using a sudden moonwalk, then performs a spooky thriller dance routine.
12. The villain blocks the security lasers with a gold glove, then smashes through the gate with a line drive blast.

Answer Key

The Wrigley Field Scoreboard Glitch

Culprit: Thriller Zombie

Gold Glove Shield · Line Drive Blast · Right Hand Sparkle Glove · Neon Green Pixels · Blooket Shield Potions

Trail: Start 21 → Clue 1 16 → Clue 2 10 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Multiplication facts (1-12)): "THE VILLAIN DOES NOT USE MYSTIC ARROW HAIL"

$9 \times 8 = 72$ (T) · $4 \times 1 = 4$ (D) · $10 \times 9 = 90$ (W) · $12 \times 10 = 120$ (H) · $1 \times 2 = 2$ (I) · $9 \times 7 = 63$ (S) · $1 \times 9 = 9$ (U) · $7 \times 10 = 70$ (N) · $3 \times 9 = 27$ (M) · $7 \times 1 = 7$ (Y) · $11 \times 10 = 110$ (V) · $10 \times 2 = 20$ (C) · $11 \times 8 = 88$ (E) · $10 \times 10 = 100$ (O) · $2 \times 7 = 14$ (L) · $11 \times 1 = 11$ (R) · $4 \times 8 = 32$ (A)

Clue 2 (Fractions of a number): "SPARKLE SPOTTED ON THE RIGHT HAND ONLY"

$1/5$ of 105 = 21 (S) · $1/2$ of 80 = 40 (A) · $4/8$ of 34 = 17 (D) · $1/3$ of 12 = 4 (H) · $2/8$ of 144 = 36 (N) · $2/10$ of 160 = 32 (E) · $5/10$ of 74 = 37 (I) · $1/5$ of 195 = 39 (O) · $3/6$ of 6 = 3 (R) · $4/8$ of 38 = 19 (T) · $2/4$ of 36 = 18 (Y) · $2/8$ of 96 = 24 (P) · $4/8$ of 24 = 12 (L) · $2/5$ of 65 = 26 (G) · $1/4$ of 132 = 33 (K)

Clue 3 (Multi-step word problems): "BLOOKET SHIELD POTIONS"

There were 543 glowing tokens in all. 33 glowing tokens were set aside. The rest were shared equally among 10 The Friendly Confines Crew. How many glowing tokens did each get? = 51 (B) · There were 341 baseball bats in all. 29 baseball bats were set aside. The rest were shared equally among 8 The Friendly Confines Crew. How many baseball bats did each get? = 39 (O) · Coach Davis earned 3 fedora hats in each of 2 rounds, plus 71 bonus fedora hats. Then 4 fedora hats were lost. How many fedora hats are left? = 73 (E) · There were 247 glowing tokens in all. 39 glowing tokens were set aside. The rest were shared equally among 8 The Friendly Confines Crew. How many glowing tokens did each get? = 26 (L) · Coach Davis collected 1 baseball bats in the morning and 95 baseball bats in the afternoon, then split them equally among 6 The Friendly Confines Crew. How many baseball bats did each get? = 16 (K) · Coach Davis filled 3 boxes with 8 fedora hats each, then found 16 more fedora hats. How many fedora hats are there in all? = 40 (T) · There were 118 ivy leaves in all. 2 The Friendly Confines Crew used 34 ivy leaves each. The other 5 The Friendly Confines Crew shared the rest equally. How many ivy leaves did each of the other The Friendly Confines Crew get? = 10 (S)

Clue 4 (Order of operations): "GLOWING NEON GREEN PIXELS WERE FOUND NEARBY"

$8 \times 9 - 13 = 59$ (G) · $61 + 4 \times 2 = 69$ (Y) · $11 \times 3 - 17 = 16$ (X) · $9 \times 5 - 24 = 21$ (P) · $24 + 7 \times 3 = 45$ (R) · $26 + 9 \times 6 = 80$ (L) · $9 + 2 \times 2 = 13$ (O) · $11 + 6 \times 7 = 53$ (N) · $24 + 2 \times 6 = 36$ (I) · $2 + 2 \times 3 = 8$ (W) · $9 \times 8 - 11 = 61$ (S) · $10 \times 6 - 16 = 44$ (B) · $12 \times 8 - 17 = 79$ (F) · $53 + 3 \times 4 = 65$ (D) · $1 + 2 \times 4 = 9$ (U) · $4 \times 6 - 5 = 19$ (E) · $10 \times 9 - 27 = 63$ (A)

Clue 5 (Missing addends): surviving statement is box 12 → Thriller Zombie

$26 + \underline{\quad} = 27 = 1$ · $9 + \underline{\quad} = 14 = 5$ · $3 + \underline{\quad} = 9 = 6$ · $33 + \underline{\quad} = 40 = 7$ · $15 + \underline{\quad} = 18 = 3$ · $3 + \underline{\quad} = 13 = 10$ · $25 + \underline{\quad} = 29 = 4$ · $3 + \underline{\quad} = 11 = 8$ · $36 + \underline{\quad} = 47 = 11$ · $30 + \underline{\quad} = 32 = 2$ · $20 + \underline{\quad} = 29 = 9$