



The Rogue Admin Glitch

Grade 5 math · Subtraction, Fractions of a number, Multiplication, Addition · Reading level grades 5-6

Detective: _____ Date: _____

The master server of Blox City was hacked! Someone stole the legendary Golden DevEx Crown and uploaded a buggy script that threatens to shut down every obby in the metaverse. Check the database of twenty-four suspect accounts to trace their custom avatar traits, gear preferences, and hardware setups before the server crashes!

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 Rogue Admin is _____

Possible suspects

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

NAME	DEFAULT GEAR	AVATAR EFFECT	MOUSE SETUP	HAIR STYLE	GAME VULNERABILITY
Builderman	Gravity Coil	Floating Crown	Left Handed Setup	Blue Spiky Hair	Lag Spikes
Albert	Gravity Coil	Floating Crown	Right Handed Setup	Beautiful Hair	Lag Spikes
InquisitorMaster	Paintball Gun	Floating Crown	Right Handed Setup	Bacon Hair	Lag Spikes
Shedletsky	Grapple Hook	Sparkle Trail	Left Handed Setup	Blue Spiky Hair	Water Hazards
Badcc	Gravity Coil	Wings	Left Handed Setup	Blue Spiky Hair	Water Hazards
KreekCraft	Gravity Coil	Fire Particles	Left Handed Setup	Blue Spiky Hair	Water Hazards
Telamon	Grapple Hook	Sparkle Trail	Left Handed Setup	Bacon Hair	Ban Hammers
Sketch	Bloxy Cola	Fire Particles	Left Handed Setup	Blue Spiky Hair	Ban Hammers
LankyBox	Grapple Hook	Neon Glow	Left Handed Setup	Blue Spiky Hair	Water Hazards
Nikilis	Gravity Coil	Floating Crown	Left Handed Setup	Blue Spiky Hair	Ban Hammers
MiniToon	Grapple Hook	Sparkle Trail	Right Handed Setup	Bacon Hair	Ban Hammers
PrestonPlayz	Gravity Coil	Neon Glow	Left Handed Setup	Blue Spiky Hair	Water Hazards
Ant	Bloxy Cola	Fire Particles	Left Handed Setup	Bacon Hair	Lag Spikes
DenisDaily	Bloxy Cola	Floating Crown	Right Handed Setup	Bacon Hair	Water Hazards
Loleris	Paintball Gun	Floating Crown	Left Handed Setup	Bacon Hair	Water Hazards
ItsFunneh	Paintball Gun	Wings	Left Handed Setup	Beautiful Hair	Water Hazards
Thinknoodles	Build Tool	Neon Glow	Left Handed Setup	Bacon Hair	Ban Hammers
MyUsernamesThis	Build Tool	Fire Particles	Right Handed Setup	Blue Spiky Hair	Water Hazards
DavidBaszucki	Paintball Gun	Fire Particles	Left Handed Setup	Blue Spiky Hair	Ban Hammers
MeganPlays	Bloxy Cola	Wings	Right Handed Setup	Beautiful Hair	Ban Hammers
Poke	Paintball Gun	Fire Particles	Right Handed Setup	Bacon Hair	Lag Spikes

CLUE 1

Subtraction

The Rogue Admin deleted a huge stack of virtual blocks from the server's main library. We had forty-five blocks, but after subtracting the ones that disappeared, we can decode the first clue.

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

T						T											T
2439	3134	2507	1970	8714	5372	2439	5586	3134	2507	6122	5890	2196	2507	5675	7288	2196	2439

3134	4209	2478	2507	4798	5372	7288	1970	5675

$2527 - 88 = \square \rightarrow \boxed{\text{T}}$

$6997 - 1625 = \square \rightarrow \boxed{\text{I}}$

$7707 - 1585 = \square \rightarrow \boxed{\text{R}}$

$9964 - 1250 = \square \rightarrow \boxed{\text{L}}$

$6336 - 661 = \square \rightarrow \boxed{\text{S}}$

$9707 - 3817 = \square \rightarrow \boxed{\text{D}}$

$6521 - 1723 = \square \rightarrow \boxed{\text{W}}$

$3986 - 852 = \square \rightarrow \boxed{\text{H}}$

$6962 - 4455 = \square \rightarrow \boxed{\text{E}}$

$7091 - 4895 = \square \rightarrow \boxed{\text{O}}$

$9214 - 3628 = \square \rightarrow \boxed{\text{C}}$

$3479 - 1509 = \square \rightarrow \boxed{\text{G}}$

$9860 - 2572 = \square \rightarrow \boxed{\text{N}}$

$6953 - 4475 = \square \rightarrow \boxed{\text{V}}$

$7666 - 3457 = \square \rightarrow \boxed{\text{A}}$

Scratch space:

CLUE 2
Fractions of a number

We found a corrupted memory drive containing several lines of raw lua code. Only a specific fraction of these lines are clean enough to run and reveal our next clue.

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

T									T										T
36	18	6	13	39	13	3	6	21	36	39	13	6	13	25	2	6	37	36	
								T											
18	25	8	15	6	15	13	6	36	39	3									

$4/5 \text{ of } 45 = \square \rightarrow \boxed{\text{T}}$

$2/10 \text{ of } 195 = \square \rightarrow \boxed{\text{U}}$

$1/6 \text{ of } 36 = \square \rightarrow \boxed{\text{E}}$

$2/4 \text{ of } 74 = \square \rightarrow \boxed{\text{F}}$

$5/8 \text{ of } 24 = \square \rightarrow \boxed{\text{D}}$

$2/6 \text{ of } 39 = \square \rightarrow \boxed{\text{S}}$

$1/5 \text{ of } 40 = \square \rightarrow \boxed{\text{N}}$

$1/5 \text{ of } 90 = \square \rightarrow \boxed{\text{H}}$

$5/8 \text{ of } 40 = \square \rightarrow \boxed{\text{A}}$

$4/8 \text{ of } 6 = \square \rightarrow \boxed{\text{P}}$

$2/10 \text{ of } 10 = \square \rightarrow \boxed{\text{L}}$

$3/4 \text{ of } 28 = \square \rightarrow \boxed{\text{C}}$

Scratch space:

CLUE 3

Multiplication facts (1-12)

To bypass the firewall, we have to calculate the total number of neon power tiles arranged in equal rows across the arena floor. The total points us to the suspect's tell.

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

T									T									
11	96	80	63	66	48	80	21	11	6	24	24	80	90	108	63			
		T																
22	66	11	80	48	96	66	20	66	48	90	21							

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

$7 \times 3 = \square \rightarrow \boxed{\text{S}}$

$8 \times 12 = \square \rightarrow \boxed{\text{H}}$

$3 \times 8 = \square \rightarrow \boxed{\text{P}}$

$12 \times 9 = \square \rightarrow \boxed{\text{B}}$

$10 \times 8 = \square \rightarrow \boxed{\text{E}}$

$11 \times 6 = \square \rightarrow \boxed{\text{A}}$

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

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

$8 \times 6 = \square \rightarrow \boxed{\text{R}}$

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

$11 \times 2 = \square \rightarrow \boxed{\text{W}}$

$5 \times 4 = \square \rightarrow \boxed{\text{Z}}$

Scratch space:

CLUE 4 Addition

We tallied all the golden tickets dropped along the obby checkpoints. Combining the sums of the three sectors gives us the security clearance to read the next clue.

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

W														
7058	7490	6259	5659	7703	4680	9549	3272	2378	7703	7490	9842	7478	5464	7560
6166	4306	5464	9897	7478	5464	7490	6214	7490	9842					

$3095 + 3963 = \square \rightarrow \text{W}$	$4745 + 5097 = \square \rightarrow \text{S}$	$6241 + 3308 = \square \rightarrow \text{D}$
$1927 + 1345 = \square \rightarrow \text{B}$	$2565 + 3649 = \square \rightarrow \text{C}$	$4548 + 2035 = \square \rightarrow \text{Y}$
$1093 + 1285 = \square \rightarrow \text{L}$	$5188 + 4709 = \square \rightarrow \text{R}$	$2332 + 5371 = \square \rightarrow \text{U}$
$1968 + 3691 = \square \rightarrow \text{O}$	$2639 + 2825 = \square \rightarrow \text{I}$	$3232 + 4328 = \square \rightarrow \text{K}$
$2801 + 3365 = \square \rightarrow \text{H}$	$4177 + 3301 = \square \rightarrow \text{P}$	$2316 + 5174 = \square \rightarrow \text{E}$
$1856 + 2824 = \square \rightarrow \text{N}$	$2627 + 1679 = \square \rightarrow \text{A}$	$2655 + 3604 = \square \rightarrow \text{F}$

Scratch space:

CLUE 5**Fractions of a number - the last clue**

Out of the active servers running the pet simulator, a precise fraction got locked out by the glitch. Solving this fractional amount reveals the final clue about the admin's hair.

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:

$1/8 \text{ of } 8 = \boxed{}$

$1/2 \text{ of } 4 = \boxed{}$

$1/3 \text{ of } 30 = \boxed{}$

$4/6 \text{ of } 9 = \boxed{}$

$1/2 \text{ of } 6 = \boxed{}$

$4/6 \text{ of } 12 = \boxed{}$

$1/5 \text{ of } 35 = \boxed{}$

$2/3 \text{ of } 6 = \boxed{}$

$8/10 \text{ of } 15 = \boxed{}$

$1/2 \text{ of } 10 = \boxed{}$

$2/10 \text{ of } 45 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain swung across the server using a grapple hook, then dropped shiny glitter from a sparkle trail.
2. The villain bounced over the high wall with a gravity coil, then illuminated the dark room with a bright neon glow.
3. The villain blocked the exit with a build tool, then dropped shiny glitter from a sparkle trail.
4. The villain chugged a bloxy cola for speed, then illuminated the dark room with a bright neon glow.
5. The villain blocked the exit with a build tool, then fluttered away on massive wings.
6. The villain chugged a bloxy cola for speed, then left behind a trail of hot fire particles.
7. The villain chugged a bloxy cola for speed, then fluttered away on massive wings.
8. The villain chugged a bloxy cola for speed, then dropped shiny glitter from a sparkle trail.
9. The villain blocked the exit with a build tool, then lost a gem from a floating crown.
10. The villain bounced over the high wall with a gravity coil, then left behind a trail of hot fire particles.
11. The villain swung across the server using a grapple hook, then illuminated the dark room with a bright neon glow.
12. The villain bounced over the high wall with a gravity coil, then lost a gem from a floating crown.

Answer Key

The Rogue Admin Glitch

Culprit: LankyBox

Grapple Hook · Neon Glow · Left Handed Setup · Blue Spiky Hair · Water Hazards

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

Clue 1 (Subtraction): "THE GLITCHER DOES NOT HAVE WINGS"

$2527 - 88 = 2439$ (T) · $6997 - 1625 = 5372$ (I) · $7707 - 1585 = 6122$ (R) · $9964 - 1250 = 8714$ (L) · $6336 - 661 = 5675$ (S) · $9707 - 3817 = 5890$ (D) · $6521 - 1723 = 4798$ (W) · $3986 - 852 = 3134$ (H) · $6962 - 4455 = 2507$ (E) · $7091 - 4895 = 2196$ (O) · $9214 - 3628 = 5586$ (C) · $3479 - 1509 = 1970$ (G) · $9860 - 2572 = 7288$ (N) · $6953 - 4475 = 2478$ (V) · $7666 - 3457 = 4209$ (A)

Clue 2 (Fractions of a number): "THE SUSPECT USES A LEFT HANDED SETUP"

$\frac{4}{5}$ of 45 = 36 (T) · $\frac{2}{10}$ of 195 = 39 (U) · $\frac{1}{6}$ of 36 = 6 (E) · $\frac{2}{4}$ of 74 = 37 (F) · $\frac{5}{8}$ of 24 = 15 (D) · $\frac{2}{6}$ of 39 = 13 (S) · $\frac{1}{5}$ of 40 = 8 (N) · $\frac{1}{5}$ of 90 = 18 (H) · $\frac{5}{8}$ of 40 = 25 (A) · $\frac{4}{8}$ of 6 = 3 (P) · $\frac{2}{10}$ of 10 = 2 (L) · $\frac{3}{4}$ of 28 = 21 (C)

Clue 3 (Multiplication facts (1-12)): "THEY ARE STOPPED BY WATER HAZARDS"

$1 \times 11 = 11$ (T) · $7 \times 3 = 21$ (S) · $8 \times 12 = 96$ (H) · $3 \times 8 = 24$ (P) · $12 \times 9 = 108$ (B) · $10 \times 8 = 80$ (E) · $11 \times 6 = 66$ (A) · $10 \times 9 = 90$ (D) · $7 \times 9 = 63$ (Y) · $8 \times 6 = 48$ (R) · $3 \times 2 = 6$ (O) · $11 \times 2 = 22$ (W) · $5 \times 4 = 20$ (Z)

Clue 4 (Addition): "WE FOUND BLUE SPIKY HAIR PIECES"

$3095 + 3963 = 7058$ (W) · $4745 + 5097 = 9842$ (S) · $6241 + 3308 = 9549$ (D) · $1927 + 1345 = 3272$ (B) · $2565 + 3649 = 6214$ (C) · $4548 + 2035 = 6583$ (Y) · $1093 + 1285 = 2378$ (L) · $5188 + 4709 = 9897$ (R) · $2332 + 5371 = 7703$ (U) · $1968 + 3691 = 5659$ (O) · $2639 + 2825 = 5464$ (I) · $3232 + 4328 = 7560$ (K) · $2801 + 3365 = 6166$ (H) · $4177 + 3301 = 7478$ (P) · $2316 + 5174 = 7490$ (E) · $1856 + 2824 = 4680$ (N) · $2627 + 1679 = 4306$ (A) · $2655 + 3604 = 6259$ (F)

Clue 5 (Fractions of a number): surviving statement is box 11 → LankyBox

$\frac{1}{8}$ of 8 = 1 · $\frac{1}{2}$ of 4 = 2 · $\frac{1}{3}$ of 30 = 10 · $\frac{4}{6}$ of 9 = 6 · $\frac{1}{2}$ of 6 = 3 · $\frac{4}{6}$ of 12 = 8 · $\frac{1}{5}$ of 35 = 7 · $\frac{2}{3}$ of 6 = 4 · $\frac{8}{10}$ of 15 = 12 · $\frac{1}{2}$ of 10 = 5 · $\frac{2}{10}$ of 45 = 9