



The Robloxia Server Glitch

Grade 3 math · Subtraction, Multiplication, Rounding, Addition, Division · Reading level grades 3-4

Detective: _____ Date: _____

Oh no! A mysterious glitch has struck the Robloxia Server. Someone hacked the golden trophy from the Big Obby! Server Admin Builderman needs your help to track down the Glitched Hacker 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 Glitched Hacker is _____

Possible suspects

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

NAME	AVATAR GEAR	FAVORITE OBBY GAME	CLICKING SOUND	AVATAR HAT	SYSTEM BUG
Corl	speed coil	adopt me	right mouse click	valkyrie helmet	error code
BaconHair	sword of light	adopt me	right mouse click	dino hood	ping drop
Guest666	gravity coil	jailbreak	left mouse click	valkyrie helmet	error code
RealNoob	superball	jailbreak	right mouse click	dino hood	lag spike
TixFan	pizza launcher	hide and seek	right mouse click	dino hood	ping drop
DenisDaily	gravity coil	adopt me	left mouse click	fedora hat	lag spike
Builderman	superball	adopt me	left mouse click	valkyrie helmet	lag spike
Poke	gravity coil	tower of hell	right mouse click	dino hood	ping drop
Alex	sword of light	tower of hell	right mouse click	dino hood	ping drop
LankyBox	pizza launcher	jailbreak	left mouse click	valkyrie helmet	lag spike
Telamon	gravity coil	jailbreak	left mouse click	dino hood	ping drop
KreekCraft	sword of light	hide and seek	left mouse click	dino hood	ping drop
Sabrebyte	superball	hide and seek	right mouse click	valkyrie helmet	error code
Skeppy	gravity coil	natural disaster	right mouse click	valkyrie helmet	error code
RussoPlays	gravity coil	hide and seek	right mouse click	fedora hat	ping drop
MeganPlays	speed coil	natural disaster	left mouse click	valkyrie helmet	ping drop
PrestonPlayz	gravity coil	tower of hell	left mouse click	valkyrie helmet	ping drop
RoboBlox	sword of light	tower of hell	right mouse click	fedora hat	ping drop
Sketch	superball	tower of hell	left mouse click	fedora hat	error code
Flamingo	gravity coil	hide and seek	right mouse click	dino hood	ping drop
Sub	gravity coil	natural disaster	left mouse click	valkyrie helmet	lag spike

CLUE 1 Subtraction

Builderman checked the vault. Someone stole a bunch of Robux from the prize pile. Let us see how many Robux are left.

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

Diagram illustrating a sequence of numbers arranged in two rows of boxes. The top row contains 18 boxes, and the bottom row contains 12 boxes. The first and last boxes in the top row, and the 10th box in the bottom row, are highlighted with an orange 'T'.

T																	T
652	120	614	341	532	220	220	179	532	851	836	515	614	745	851	515	652	
									T								
828	220	179	316	179	836	515	828	652	155	614							

$990 - 338 = \boxed{} \rightarrow \boxed{\text{T}}$

957 - 212 = → **S**

$$570 - 254 = \boxed{} \rightarrow \boxed{\mathbf{Y}}$$

$237 - 82 = \square \rightarrow \boxed{\mathbf{M}}$

$1113 - 277 = \square \rightarrow \mathbf{D}$

$$716 - 201 = \boxed{} \rightarrow \boxed{0}$$

$893 - 361 = \boxed{} \rightarrow \boxed{}$

$$704 - 90 = \boxed{} \rightarrow \boxed{\text{E}}$$

$$486 - 307 = \boxed{} \rightarrow \boxed{\mathbf{A}}$$

$$560 - 219 = \boxed{} \rightarrow \boxed{\mathbf{V}}$$

$1159 - 308 = \boxed{} \rightarrow \boxed{\text{N}}$

$420 - 300 = \boxed{} \rightarrow \boxed{\text{H}}$

$$1028 - 200 = \boxed{} \rightarrow \boxed{\text{P}}$$

$301 - 81 = \boxed{} \rightarrow \boxed{\text{L}}$

Scratch space:

CLUE 2
Multiplication facts (1-12)

The hacker ran through a field of blocks arranged in neat rows. We can multiply the rows to find the total blocks stepped on.

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

T																			
84	22	5	64	96	2	64	50	2	30	6	35	56	90	30	14	81	10	35	

									T					
121	18	56	40	10	18	2	6	22	84	64	96	2	64	50

$7 \times 12 = \square \rightarrow \boxed{\text{T}}$

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

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

$5 \times 10 = \square \rightarrow \boxed{\text{K}}$

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

$11 \times 11 = \square \rightarrow \boxed{\text{F}}$

$8 \times 8 = \square \rightarrow \boxed{\text{C}}$

$1 \times 10 = \square \rightarrow \boxed{\text{A}}$

$1 \times 6 = \square \rightarrow \boxed{\text{G}}$

$5 \times 7 = \square \rightarrow \boxed{\text{S}}$

$10 \times 3 = \square \rightarrow \boxed{\text{N}}$

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

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

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

$7 \times 8 = \square \rightarrow \boxed{\text{O}}$

$5 \times 1 = \square \rightarrow \boxed{\text{E}}$

$5 \times 8 = \square \rightarrow \boxed{\text{M}}$

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

Scratch space:

CLUE 3 Rounding

Our glitch detector only shows estimated numbers. We must round the radar distance to the nearest ten to spot the signal.

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

A																
50	3000	60	20	20	500	200	700	6000	200	80	20	800	30	700		
												A				
3000	300	30	700	700	500	20	300	2000	500	7000	6000	5000	5000	50	6000	200

Round 47 to the nearest ten → **A**

Round 2,375 to the nearest thousand → **H**

Round 24 to the nearest ten → **D**

Round 305 to the nearest hundred → **T**

Round 7,003 to the nearest thousand → **V**

Round 3,312 to the nearest thousand → **S**

Round 530 to the nearest hundred → **E**

Round 4,582 to the nearest thousand → **L**

Round 28 to the nearest ten → **O**

Round 159 to the nearest hundred → **N**

Round 59 to the nearest ten → **U**

Round 80 to the nearest ten → **G**

Round 5,768 to the nearest thousand → **I**

Round 654 to the nearest hundred → **P**

Round 784 to the nearest hundred → **R**

Scratch space:

CLUE 4

We found broken code scripts on the floor. Let us add them up to find the total number of errors.

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

$$169 + 131 = \boxed{} \rightarrow \boxed{\text{A}}$$

$$385 + 347 = \boxed{} \rightarrow \boxed{\text{C}}$$

$$343 + 645 = \boxed{} \rightarrow \boxed{\mathbf{B}}$$

$125 + 246 = \boxed{} \rightarrow \boxed{\mathbf{D}}$

$$235 + 394 = \boxed{} \rightarrow \boxed{\text{N}}$$

$$479 + 240 = \boxed{} \rightarrow \boxed{\text{L}}$$

$$203 + 235 = \boxed{} \rightarrow \boxed{\text{I}}$$

$$229 + 177 = \boxed{} \rightarrow \boxed{\text{E}}$$

$$351 + 563 = \boxed{} \rightarrow \boxed{\text{H}}$$

$$384 + 486 = \boxed{} \rightarrow \boxed{0}$$

$$542 + 368 = \boxed{} \rightarrow \boxed{\text{F}}$$

$$115 + 137 = \boxed{} \rightarrow \boxed{\text{W}}$$

$$300 + 204 = \boxed{} \rightarrow \boxed{\mathbf{R}}$$

$$177 + 223 = \boxed{} \rightarrow \boxed{\text{G}}$$

$$586 + 326 = \boxed{} \rightarrow \boxed{\text{S}}$$

$$357 + 232 = \boxed{} \rightarrow \boxed{\text{T}}$$

Scratch space:

CLUE 5**Division facts (1-12) - the last clue**

The hacker dropped a big pack of cookies. We need to split them evenly among our group to get the clue.

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:

$60 \div 12 = \boxed{}$

$20 \div 2 = \boxed{}$

$24 \div 3 = \boxed{}$

$4 \div 2 = \boxed{}$

$35 \div 5 = \boxed{}$

$66 \div 11 = \boxed{}$

$5 \div 5 = \boxed{}$

$108 \div 9 = \boxed{}$

$11 \div 1 = \boxed{}$

$108 \div 12 = \boxed{}$

$8 \div 2 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain leaps high using a gravity coil, then tames a pet in adopt me.
2. The villain bounces around like a superball, then climbs the tower of hell.
3. The villain leaps high using a gravity coil, then climbs the tower of hell.
4. The villain dashes away with a speed coil, then tames a pet in adopt me.
5. The villain slashes the air with a sword of light, then climbs the tower of hell.
6. The villain bounces around like a superball, then tames a pet in adopt me.
7. The villain fires cheese from a pizza launcher, then climbs the tower of hell.
8. The villain leaps high using a gravity coil, then blends into hide and seek.
9. The villain bounces around like a superball, then survives a natural disaster.
10. The villain fires cheese from a pizza launcher, then blends into hide and seek.
11. The villain fires cheese from a pizza launcher, then breaks out of jailbreak.
12. The villain leaps high using a gravity coil, then survives a natural disaster.

Answer Key

The Robloxia Server Glitch

Culprit: Poke

gravity coil · tower of hell · right mouse click · dino hood · ping drop

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

Clue 1 (Subtraction): "THE VILLAIN DOES NOT PLAY ADOPT ME"

$990 - 338 = 652$ (T) · $957 - 212 = 745$ (S) · $570 - 254 = 316$ (Y) · $237 - 82 = 155$ (M) · $1113 - 277 = 836$ (D) · $716 - 201 = 515$ (O) · $893 - 361 = 532$ (I) · $704 - 90 = 614$ (E) · $486 - 307 = 179$ (A) · $560 - 219 = 341$ (V) · $1159 - 308 = 851$ (N) · $420 - 300 = 120$ (H) · $1028 - 200 = 828$ (P) · $301 - 81 = 220$ (L)

Clue 2 (Multiplication facts (1-12)): "THE CLICKING SOUND WAS FROM A RIGHT CLICK"

$7 \times 12 = 84$ (T) · $9 \times 9 = 81$ (W) · $8 \times 12 = 96$ (L) · $5 \times 10 = 50$ (K) · $2 \times 11 = 22$ (H) · $11 \times 11 = 121$ (F) · $8 \times 8 = 64$ (C) · $1 \times 10 = 10$ (A) · $1 \times 6 = 6$ (G) · $5 \times 7 = 35$ (S) · $10 \times 3 = 30$ (N) · $9 \times 10 = 90$ (U) · $9 \times 2 = 18$ (R) · $2 \times 1 = 2$ (I) · $7 \times 8 = 56$ (O) · $5 \times 1 = 5$ (E) · $5 \times 8 = 40$ (M) · $2 \times 7 = 14$ (D)

Clue 3 (Rounding): "A SUDDEN PING DROP STOPPED THE VILLAIN"

Round 47 to the nearest ten = 50 (A) · Round 2,375 to the nearest thousand = 2000 (H) · Round 24 to the nearest ten = 20 (D) · Round 305 to the nearest hundred = 300 (T) · Round 7,003 to the nearest thousand = 7000 (V) · Round 3,312 to the nearest thousand = 3000 (S) · Round 530 to the nearest hundred = 500 (E) · Round 4,582 to the nearest thousand = 5000 (L) · Round 28 to the nearest ten = 30 (O) · Round 159 to the nearest hundred = 200 (N) · Round 59 to the nearest ten = 60 (U) · Round 80 to the nearest ten = 80 (G) · Round 5,768 to the nearest thousand = 6000 (I) · Round 654 to the nearest hundred = 700 (P) · Round 784 to the nearest hundred = 800 (R)

Clue 4 (Addition): "A GREEN DINO HOOD SCALE WAS LEFT BEHIND"

$169 + 131 = 300$ (A) · $385 + 347 = 732$ (C) · $343 + 645 = 988$ (B) · $125 + 246 = 371$ (D) · $235 + 394 = 629$ (N) · $479 + 240 = 719$ (L) · $203 + 235 = 438$ (I) · $229 + 177 = 406$ (E) · $351 + 563 = 914$ (H) · $384 + 486 = 870$ (O) · $542 + 368 = 910$ (F) · $115 + 137 = 252$ (W) · $300 + 204 = 504$ (R) · $177 + 223 = 400$ (G) · $586 + 326 = 912$ (S) · $357 + 232 = 589$ (T)

Clue 5 (Division facts (1-12)): surviving statement is box 3 → Poke

$60 \div 12 = 5$ · $20 \div 2 = 10$ · $24 \div 3 = 8$ · $4 \div 2 = 2$ · $35 \div 5 = 7$ · $66 \div 11 = 6$ · $5 \div 5 = 1$ · $108 \div 9 = 12$ · $11 \div 1 = 11$ · $108 \div 12 = 9$ · $8 \div 2 = 4$