



The Spawn City Griefer

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

Detective: _____ Date: _____

A sneaky player has flooded the spawn city with lava and trapped the farm animals! The server admin needs your help to read the chat logs, solve the puzzles, and catch the pixelated culprit.

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 griefer is _____

Possible suspects

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

NAME	PRIMARY TOOL	MODDED ITEM	BLOCK PLACEMENT STYLE	SKIN HEADGEAR	MOB FEAR
Docm77	diamond pickaxe	lucky block	left hand blocks	iron helmet	scared of phantoms
MythicalSausage	iron axe	tnt launcher	right hand blocks	creeper hood	scared of creepers
iHasCupquake	netherite sword	tnt launcher	right hand blocks	iron helmet	scared of creepers
Steve	golden shovel	tnt launcher	left hand blocks	iron helmet	scared of endermen
LDShadowLady	iron axe	tnt launcher	right hand blocks	creeper hood	scared of endermen
SmallishBeans	netherite sword	teleport staff	right hand blocks	gold crown	scared of creepers
fWhip	iron axe	elytra wings	right hand blocks	iron helmet	scared of creepers
AntVenom	netherite sword	lucky block	left hand blocks	creeper hood	scared of creepers
Alex	diamond pickaxe	lucky block	left hand blocks	gold crown	scared of endermen
ZombieCleo	iron axe	teleport staff	left hand blocks	iron helmet	scared of endermen
BadBoyHalo	enchanted bow	lava bucket	right hand blocks	iron helmet	scared of endermen
PearlescentMoon	golden shovel	tnt launcher	left hand blocks	iron helmet	scared of phantoms
FalseSymmetry	golden shovel	teleport staff	left hand blocks	iron helmet	scared of phantoms
DanTDM	enchanted bow	teleport staff	left hand blocks	creeper hood	scared of endermen
CaptainSparklez	enchanted bow	elytra wings	left hand blocks	iron helmet	scared of endermen
EthosLab	diamond pickaxe	elytra wings	left hand blocks	iron helmet	scared of endermen
GamingWithJen	golden shovel	lava bucket	right hand blocks	creeper hood	scared of phantoms
Skeppy	enchanted bow	teleport staff	right hand blocks	gold crown	scared of endermen
MumboJumbo	golden shovel	lucky block	right hand blocks	iron helmet	scared of creepers
PopularMMOs	diamond pickaxe	lucky block	left hand blocks	iron helmet	scared of endermen
Grian	netherite sword	lava bucket	left hand blocks	iron helmet	scared of phantoms

CLUE 1 Rounding

A broken radar in the spawn lobby is showing rounded numbers of blocks placed. We must round them to the nearest ten to unlock the first database file.

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

T																	T
90	3000	6000	2000	800	900	900	300	800	20	8000	30	6000	50	20	30	90	

				T		T									
70	50	6000	300	90	20	90	900	300	70	20	80	3000	6000	60	

Round 93 to the nearest ten → **T**

Round 5,970 to the nearest thousand → **E**

Round 56 to the nearest ten → **R**

Round 23 to the nearest ten → **N**

Round 844 to the nearest hundred → **I**

Round 74 to the nearest ten → **U**

Round 886 to the nearest hundred → **L**

Round 80 to the nearest ten → **C**

Round 32 to the nearest ten → **O**

Round 8,292 to the nearest thousand → **D**

Round 2,086 to the nearest thousand → **V**

Round 2,666 to the nearest thousand → **H**

Round 46 to the nearest ten → **S**

Round 345 to the nearest hundred → **A**

Scratch space:

CLUE 2 Addition

We found chest logs with separate tallies of redstone dust. Add the stacks together to see the total count and boot up the next terminal.

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

T 769	210	934	256	282	272	934	898	934	282	257	642	878	493	934	543	377	272	T 769	210
T 769	210	934	272	282	642	934	898	T 769	210	878	559	563							

$286 + 483 = \square \rightarrow \text{ T }$	$250 + 293 = \square \rightarrow \text{ S }$	$198 + 84 = \square \rightarrow \text{ R }$
$159 + 334 = \square \rightarrow \text{ C }$	$147 + 109 = \square \rightarrow \text{ G }$	$118 + 259 = \square \rightarrow \text{ W }$
$378 + 181 = \square \rightarrow \text{ N }$	$523 + 355 = \square \rightarrow \text{ A }$	$299 + 264 = \square \rightarrow \text{ D }$
$96 + 176 = \square \rightarrow \text{ I }$	$619 + 279 = \square \rightarrow \text{ F }$	$383 + 259 = \square \rightarrow \text{ L }$
$84 + 173 = \square \rightarrow \text{ P }$	$426 + 508 = \square \rightarrow \text{ E }$	$81 + 129 = \square \rightarrow \text{ H }$

Scratch space:

CLUE 3

Subtraction

A trap drained some water from our safety moat. Subtract the lost buckets from the starting total to find how much water remains.

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

T			T					T						T		
685	364	488	685	426	398	175	488	685	751	364	475	427	751	685	364	488

T												
685	426	170	170	488	427	706	488	398	114	488	427	

$774 - 89 = \square \rightarrow \text{**T**}$

$1024 - 318 = \square \rightarrow \text{**D**}$

$665 - 238 = \square \rightarrow \text{**N**}$

$742 - 378 = \square \rightarrow \text{**H**}$

$662 - 174 = \square \rightarrow \text{**E**}$

$546 - 148 = \square \rightarrow \text{**R**}$

$348 - 173 = \square \rightarrow \text{**G**}$

$774 - 299 = \square \rightarrow \text{**U**}$

$798 - 47 = \square \rightarrow \text{**S**}$

$182 - 68 = \square \rightarrow \text{**M**}$

$539 - 113 = \square \rightarrow \text{**A**}$

$319 - 149 = \square \rightarrow \text{**L**}$

Scratch space:

CLUE 4
Multiplication facts (1-12)

The griever lined up rows of obsidian blocks. Multiply the number of rows by the blocks in each row to figure out the total wall strength.

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

A																	A	
44	45	63	24	108	56	24	81	70	108	63	16	20	15	16	40	11	44	45
20	16	99	40	12	16	63	24	108	50									

$4 \times 11 = \square \rightarrow \text{A}$	$10 \times 5 = \square \rightarrow \text{D}$	$1 \times 11 = \square \rightarrow \text{W}$	
$12 \times 2 = \square \rightarrow \text{I}$	$2 \times 10 = \square \rightarrow \text{L}$	$10 \times 7 = \square \rightarrow \text{O}$	
$6 \times 2 = \square \rightarrow \text{B}$	$9 \times 5 = \square \rightarrow \text{S}$	$4 \times 4 = \square \rightarrow \text{E}$	$3 \times 5 = \square \rightarrow \text{M}$
$8 \times 7 = \square \rightarrow \text{Y}$	$7 \times 9 = \square \rightarrow \text{H}$	$5 \times 8 = \square \rightarrow \text{T}$	$9 \times 11 = \square \rightarrow \text{F}$
$9 \times 9 = \square \rightarrow \text{R}$	$12 \times 9 = \square \rightarrow \text{N}$		

Scratch space:

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

We recovered a stack of gold ingots to share among the villagers. Divide the loot equally to solve the final server lock.

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:

$70 \div 10 = \boxed{}$

$21 \div 7 = \boxed{}$

$20 \div 10 = \boxed{}$

$99 \div 9 = \boxed{}$

$56 \div 7 = \boxed{}$

$12 \div 1 = \boxed{}$

$100 \div 10 = \boxed{}$

$40 \div 10 = \boxed{}$

$60 \div 10 = \boxed{}$

$5 \div 5 = \boxed{}$

$63 \div 7 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain swung their diamond pickaxe through walls, then fired explosive blocks with a tnt launcher.
2. The villain swung their diamond pickaxe through walls, then cracked open a mystery lucky block.
3. The villain swung their diamond pickaxe through walls, then flew away using elytra wings.
4. The villain fired shots from an enchanted bow, then cracked open a mystery lucky block.
5. The villain chopped wooden doors with an iron axe, then zapped out of sight with a teleport staff.
6. The villain slashed with a netherite sword, then tipped over a glowing lava bucket.
7. The villain fired shots from an enchanted bow, then flew away using elytra wings.
8. The villain chopped wooden doors with an iron axe, then tipped over a glowing lava bucket.
9. The villain chopped wooden doors with an iron axe, then fired explosive blocks with a tnt launcher.
10. The villain fired shots from an enchanted bow, then tipped over a glowing lava bucket.
11. The villain dug a trench with a golden shovel, then flew away using elytra wings.
12. The villain swung their diamond pickaxe through walls, then tipped over a glowing lava bucket.

Answer Key

The Spawn City Griefer

Culprit: ZombieCleo

iron axe · teleport staff · left hand blocks · iron helmet · scared of endermen

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

Clue 1 (Rounding): "THE VILLAIN DOES NOT USE A TNT LAUNCHER"

Round 93 to the nearest ten = 90 (T) · Round 5,970 to the nearest thousand = 6000 (E) · Round 56 to the nearest ten = 60 (R) · Round 23 to the nearest ten = 20 (N) · Round 844 to the nearest hundred = 800 (I) · Round 74 to the nearest ten = 70 (U) · Round 886 to the nearest hundred = 900 (L) · Round 80 to the nearest ten = 80 (C) · Round 32 to the nearest ten = 30 (O) · Round 8,292 to the nearest thousand = 8000 (D) · Round 2,086 to the nearest thousand = 2000 (V) · Round 2,666 to the nearest thousand = 3000 (H) · Round 46 to the nearest ten = 50 (S) · Round 345 to the nearest hundred = 300 (A)

Clue 2 (Addition): "THE GRIEFER PLACES WITH THEIR LEFT HAND"

$286 + 483 = 769$ (T) · $250 + 293 = 543$ (S) · $198 + 84 = 282$ (R) · $159 + 334 = 493$ (C) · $147 + 109 = 256$ (G) · $118 + 259 = 377$ (W) · $378 + 181 = 559$ (N) · $523 + 355 = 878$ (A) · $299 + 264 = 563$ (D) · $96 + 176 = 272$ (I) · $619 + 279 = 898$ (F) · $383 + 259 = 642$ (L) · $84 + 173 = 257$ (P) · $426 + 508 = 934$ (E) · $81 + 129 = 210$ (H)

Clue 3 (Subtraction): "THE TARGET SHUNS THE TALL ENDERMEN"

$774 - 89 = 685$ (T) · $1024 - 318 = 706$ (D) · $665 - 238 = 427$ (N) · $742 - 378 = 364$ (H) · $662 - 174 = 488$ (E) · $546 - 148 = 398$ (R) · $348 - 173 = 175$ (G) · $774 - 299 = 475$ (U) · $798 - 47 = 751$ (S) · $182 - 68 = 114$ (M) · $539 - 113 = 426$ (A) · $319 - 149 = 170$ (L)

Clue 4 (Multiplication facts (1-12)): "A SHINY IRON HELMET WAS LEFT BEHIND"

$4 \times 11 = 44$ (A) · $10 \times 5 = 50$ (D) · $1 \times 11 = 11$ (W) · $12 \times 2 = 24$ (I) · $2 \times 10 = 20$ (L) · $10 \times 7 = 70$ (O) · $6 \times 2 = 12$ (B) · $9 \times 5 = 45$ (S) · $4 \times 4 = 16$ (E) · $3 \times 5 = 15$ (M) · $8 \times 7 = 56$ (Y) · $7 \times 9 = 63$ (H) · $5 \times 8 = 40$ (T) · $9 \times 11 = 99$ (F) · $9 \times 9 = 81$ (R) · $12 \times 9 = 108$ (N)

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

$70 \div 10 = 7$ · $21 \div 7 = 3$ · $20 \div 10 = 2$ · $99 \div 9 = 11$ · $56 \div 7 = 8$ · $12 \div 1 = 12$ · $100 \div 10 = 10$ · $40 \div 10 = 4$ · $60 \div 10 = 6$ · $5 \div 5 = 1$ · $63 \div 7 = 9$