



The Bedrock Trap

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

Detective: _____ Date: _____

A sneaky rogue griefer has locked down our creative server. They used bedrock blocks to trap our admin in a deep pit. We must track them down before they delete our pixel world forever.

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 griefer is _____

Possible suspects

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

NAME	MAIN SKILL	GRIEFING TOOL	DOMINANT HAND	HELMET COLOR	WEAKNESS
George	Monster Taming	Obsidian Building	Left Handed Crafter	Blue Diamond	Splash Potion
Grian	Potion Brewing	Obsidian Building	Right Handed Crafter	Yellow Gold	Milk Bucket
Ranboo	Elytra Flying	Lava Placement	Right Handed Crafter	Silver Iron	Splash Potion
Dream	Fast Mining	Obsidian Building	Left Handed Crafter	Yellow Gold	Splash Potion
Sapnap	Fast Mining	Ender Teleporting	Left Handed Crafter	Silver Iron	Splash Potion
BajanCanadian	Fast Mining	Lava Placement	Right Handed Crafter	Yellow Gold	Milk Bucket
TommyInnit	Redstone Engineering	Obsidian Building	Right Handed Crafter	Silver Iron	Water Bucket
CaptainSparklez	Redstone Engineering	Lava Placement	Right Handed Crafter	Yellow Gold	Water Bucket
Mumbo	Elytra Flying	Lava Placement	Left Handed Crafter	Yellow Gold	Water Bucket
LDShadowLady	Redstone Engineering	Ice Path Skating	Right Handed Crafter	Blue Diamond	Splash Potion
SkyDoesMC	Redstone Engineering	Obsidian Building	Right Handed Crafter	Yellow Gold	Water Bucket
Paulsoaresjr	Potion Brewing	Ice Path Skating	Right Handed Crafter	Yellow Gold	Water Bucket
SethBling	Monster Taming	Lava Placement	Right Handed Crafter	Yellow Gold	Water Bucket
VintageBeef	Fast Mining	TNT Blasting	Left Handed Crafter	Yellow Gold	Splash Potion
Stampy	Potion Brewing	TNT Blasting	Left Handed Crafter	Blue Diamond	Splash Potion
Technoblade	Redstone Engineering	Obsidian Building	Right Handed Crafter	Silver Iron	Milk Bucket
Steve	Monster Taming	Ender Teleporting	Right Handed Crafter	Yellow Gold	Water Bucket
JeromeASF	Potion Brewing	Lava Placement	Left Handed Crafter	Yellow Gold	Splash Potion
Etho	Fast Mining	TNT Blasting	Right Handed Crafter	Silver Iron	Milk Bucket
PauseUnpause	Monster Taming	Ender Teleporting	Left Handed Crafter	Silver Iron	Water Bucket
Alex	Redstone Engineering	Ice Path Skating	Right Handed Crafter	Silver Iron	Water Bucket

CLUE 1 Addition

We found piles of metal bars in the chest. Add the two stacks together to find the total amount.

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

T																T
451	813	898	772	299	294	294	818	299	534	725	774	898	364	534	774	451

T							T
451	898	294	898	924	774	493	451

$143 + 308 = \square \rightarrow \text{T}$	$518 + 254 = \square \rightarrow \text{V}$	$315 + 459 = \square \rightarrow \text{O}$
$626 + 298 = \square \rightarrow \text{P}$	$553 + 260 = \square \rightarrow \text{H}$	$126 + 173 = \square \rightarrow \text{I}$
$161 + 373 = \square \rightarrow \text{N}$	$181 + 113 = \square \rightarrow \text{L}$	$241 + 123 = \square \rightarrow \text{S}$
$429 + 469 = \square \rightarrow \text{E}$	$560 + 258 = \square \rightarrow \text{A}$	$402 + 323 = \square \rightarrow \text{D}$
$149 + 344 = \square \rightarrow \text{R}$		

Scratch space:

CLUE 2

Subtraction

A creeper blew up our farm blocks. Subtract the broken blocks from the total to find the leftover ones.

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

R																
792	759	608	535	406	535	153	166	672	886	672	329	535	759	886	221	672

887	329	886	672

$858 - 66 = \square \rightarrow \boxed{\text{R}}$

$947 - 275 = \square \rightarrow \boxed{\text{D}}$

$830 - 295 = \square \rightarrow \boxed{\text{H}}$

$1153 - 266 = \square \rightarrow \boxed{\text{U}}$

$990 - 104 = \square \rightarrow \boxed{\text{E}}$

$902 - 143 = \square \rightarrow \boxed{\text{I}}$

$392 - 171 = \square \rightarrow \boxed{\text{L}}$

$715 - 309 = \square \rightarrow \boxed{\text{T}}$

$305 - 139 = \square \rightarrow \boxed{\text{N}}$

$943 - 335 = \square \rightarrow \boxed{\text{G}}$

$363 - 210 = \square \rightarrow \boxed{\text{A}}$

$673 - 344 = \square \rightarrow \boxed{\text{S}}$

Scratch space:

CLUE 3

Multiplication facts (1-12)

The carrot farm is built in equal rows. Multiply the rows by the carrots in each row to get the total.

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

T											T							T	
8	22	49	20	72	49	45	33	28	45	8	49	33	132	32	24	90	49	8	3

$2 \times 4 = \square \rightarrow \boxed{\text{T}}$

$12 \times 6 = \square \rightarrow \boxed{\text{F}}$

$7 \times 7 = \square \rightarrow \boxed{\text{E}}$

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

$3 \times 1 = \square \rightarrow \boxed{\text{S}}$

$12 \times 2 = \square \rightarrow \boxed{\text{C}}$

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

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

$7 \times 4 = \square \rightarrow \boxed{\text{W}}$

$11 \times 12 = \square \rightarrow \boxed{\text{B}}$

$9 \times 5 = \square \rightarrow \boxed{\text{A}}$

$3 \times 11 = \square \rightarrow \boxed{\text{R}}$

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

Scratch space:

CLUE 4 Rounding

The coord finder screen is glitchy. Round the coordinate number to the nearest ten to see where to go.

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

Y																		
30	20	7000	7000	200	90	50	200	7000	3000	500	6000	60	300	600	6000	700	20	500

5000	200	900	8000	3000

Round 33 to the nearest ten → **Y**

Round 199 to the nearest hundred → **O**

Round 632 to the nearest hundred → **T**

Round 937 to the nearest hundred → **U**

Round 90 to the nearest ten → **W**

Round 5,324 to the nearest thousand → **F**

Round 2,809 to the nearest thousand → **D**

Round 7,102 to the nearest thousand → **L**

Round 538 to the nearest hundred → **S**

Round 8,282 to the nearest thousand → **N**

Round 270 to the nearest hundred → **A**

Round 24 to the nearest ten → **E**

Round 59 to the nearest ten → **R**

Round 5,549 to the nearest thousand → **C**

Round 730 to the nearest hundred → **H**

Round 53 to the nearest ten → **G**

Scratch space:

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

We must share these diamonds with our friends. Divide the gems equally so everyone has the same 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:

$77 \div 11 = \boxed{}$

$66 \div 6 = \boxed{}$

$18 \div 9 = \boxed{}$

$12 \div 1 = \boxed{}$

$30 \div 5 = \boxed{}$

$20 \div 2 = \boxed{}$

$24 \div 3 = \boxed{}$

$15 \div 5 = \boxed{}$

$15 \div 3 = \boxed{}$

$8 \div 8 = \boxed{}$

$12 \div 3 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain builds a redstone trap, then teleports with an ender pearl.
2. The villain builds a redstone trap, then places obsidian walls.
3. The villain summons a wild wolf, then places slippery ice.
4. The villain glides with an elytra, then teleports with an ender pearl.
5. The villain brews a toxic potion, then places obsidian walls.
6. The villain builds a redstone trap, then places slippery ice.
7. The villain brews a toxic potion, then places slippery ice.
8. The villain glides with an elytra, then places obsidian walls.
9. The villain summons a wild wolf, then pours burning lava.
10. The villain brews a toxic potion, then teleports with an ender pearl.
11. The villain builds a redstone trap, then pours burning lava.
12. The villain digs a massive tunnel, then teleports with an ender pearl.

Answer Key

The Bedrock Trap

Culprit: SethBling

Monster Taming · Lava Placement · Right Handed Crafter · Yellow Gold · Water Bucket

Trail: Start 21 → Clue 1 18 → Clue 2 12 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE VILLAIN DOES NOT TELEPORT"

$143 + 308 = 451$ (T) · $518 + 254 = 772$ (V) · $315 + 459 = 774$ (O) · $626 + 298 = 924$ (P) · $553 + 260 = 813$ (H) · $126 + 173 = 299$ (I) · $161 + 373 = 534$ (N) · $181 + 113 = 294$ (L) · $241 + 123 = 364$ (S) · $429 + 469 = 898$ (E) · $560 + 258 = 818$ (A) · $402 + 323 = 725$ (D) · $149 + 344 = 493$ (R)

Clue 2 (Subtraction): "RIGHT HANDED SHIELD USED"

$858 - 66 = 792$ (R) · $947 - 275 = 672$ (D) · $830 - 295 = 535$ (H) · $1153 - 266 = 887$ (U) · $990 - 104 = 886$ (E) · $902 - 143 = 759$ (I) · $392 - 171 = 221$ (L) · $715 - 309 = 406$ (T) · $305 - 139 = 166$ (N) · $943 - 335 = 608$ (G) · $363 - 210 = 153$ (A) · $673 - 344 = 329$ (S)

Clue 3 (Multiplication facts (1-12)): "THEY FEAR WATER BUCKETS"

$2 \times 4 = 8$ (T) · $12 \times 6 = 72$ (F) · $7 \times 7 = 49$ (E) · $2 \times 10 = 20$ (Y) · $3 \times 1 = 3$ (S) · $12 \times 2 = 24$ (C) · $8 \times 4 = 32$ (U) · $2 \times 11 = 22$ (H) · $7 \times 4 = 28$ (W) · $11 \times 12 = 132$ (B) · $9 \times 5 = 45$ (A) · $3 \times 11 = 33$ (R) · $10 \times 9 = 90$ (K)

Clue 4 (Rounding): "YELLOW GOLD SCRATCHES FOUND"

Round 33 to the nearest ten = 30 (Y) · Round 199 to the nearest hundred = 200 (O) · Round 632 to the nearest hundred = 600 (T) · Round 937 to the nearest hundred = 900 (U) · Round 90 to the nearest ten = 90 (W) · Round 5,324 to the nearest thousand = 5000 (F) · Round 2,809 to the nearest thousand = 3000 (D) · Round 7,102 to the nearest thousand = 7000 (L) · Round 538 to the nearest hundred = 500 (S) · Round 8,282 to the nearest thousand = 8000 (N) · Round 270 to the nearest hundred = 300 (A) · Round 24 to the nearest ten = 20 (E) · Round 59 to the nearest ten = 60 (R) · Round 5,549 to the nearest thousand = 6000 (C) · Round 730 to the nearest hundred = 700 (H) · Round 53 to the nearest ten = 50 (G)

Clue 5 (Division facts (1-12)): surviving statement is box 9 → SethBling

$77 \div 11 = 7$ · $66 \div 6 = 11$ · $18 \div 9 = 2$ · $12 \div 1 = 12$ · $30 \div 5 = 6$ · $20 \div 2 = 10$ · $24 \div 3 = 8$ · $15 \div 5 = 3$ · $15 \div 3 = 5$ · $8 \div 8 = 1$ · $12 \div 3 = 4$