The Blocky Bandit of Squarepeak

Grade 5 math · Place value, Addition, Subtraction, Multiplication, Division · Reading level grades 5-6

Detective: _____ **Date:** _____

Someone wrecked the server monument and stole the rare Dragon Egg from the village vault! Detective, inspect the evidence and decode the clues to catch the griefing mastermind.

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

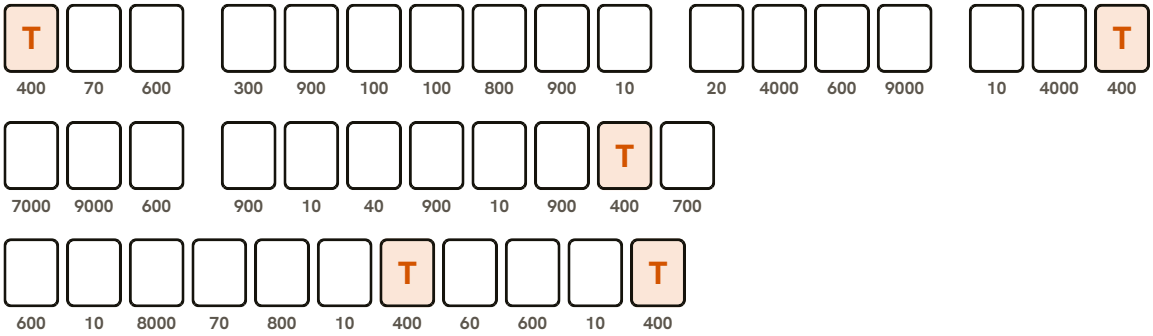
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	MAIN TOOL	ENCHANTMENT	HANDEDNESS	HELMET	BANE
LDShadowLady	Trident	Silk Touch	Right Handed	Golden Helmet	Water Bucket
Iskall	Pickaxe	Fire Aspect	Right Handed	Turtle Shell	Water Bucket
Grian	Trident	Infinity	Left Handed	Golden Helmet	Lava Bucket
Mumbo Jumbo	Pickaxe	Silk Touch	Right Handed	Turtle Shell	Water Bucket
GoodTimesWithScar	Diamond Sword	Feather Falling	Right Handed	Turtle Shell	Splash Potion
Etho	Trident	Silk Touch	Left Handed	Turtle Shell	Water Bucket
Rendog	Pickaxe	Feather Falling	Right Handed	Golden Helmet	Lava Bucket
Stampy	Redstone Torch	Feather Falling	Right Handed	Turtle Shell	Lava Bucket
Cubfan	Crossbow	Infinity	Left Handed	Golden Helmet	Splash Potion
Keralis	Crossbow	Silk Touch	Right Handed	Turtle Shell	Lava Bucket
CaptainSparklez	Pickaxe	Infinity	Right Handed	Turtle Shell	Water Bucket
Docm77	Pickaxe	Silk Touch	Right Handed	Golden Helmet	Lava Bucket
PearlescentMoon	Trident	Infinity	Left Handed	Iron Helmet	Splash Potion
TangoTek	Pickaxe	Blast Protection	Right Handed	Turtle Shell	Water Bucket
Aphmau	Crossbow	Fire Aspect	Right Handed	Golden Helmet	Lava Bucket
Smallishbeans	Diamond Sword	Infinity	Right Handed	Iron Helmet	Water Bucket
Geminitay	Redstone Torch	Silk Touch	Right Handed	Turtle Shell	Water Bucket
ImpulseSV	Pickaxe	Blast Protection	Left Handed	Golden Helmet	Splash Potion
FalseSymmetry	Trident	Blast Protection	Left Handed	Turtle Shell	Water Bucket
BdoubleO	Trident	Fire Aspect	Left Handed	Turtle Shell	Splash Potion
ZombieCleo	Crossbow	Silk Touch	Left Handed	Golden Helmet	Lava Bucket

CLUE 1 Place value

You check the numeric coordinates on the server map to narrow down the villain enchantment.

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



What is the value of the 4 in 562,470? ☐ → T

What is the value of the 8 in 148,374? ☐ → C

What is the value of the 9 in 267,950? ☐ → I

What is the value of the 9 in 29,847? ☐ → S

What is the value of the 7 in 168,733? ☐ → Y

What is the value of the 4 in 69,142? ☐ → F

What is the value of the 1 in 592,190? ☐ → L

What is the value of the 7 in 46,979? ☐ → H

What is the value of the 1 in 70,917? ☐ → N

What is the value of the 8 in 927,834? ☐ → A

What is the value of the 2 in 88,820? ☐ → D

What is the value of the 6 in 22,648? ☐ → E

What is the value of the 7 in 827,088? ☐ → U

What is the value of the 6 in 47,460? ☐ → M

What is the value of the 3 in 510,304? ☐ → V

What is the value of the 4 in 704,578? ☐ → O

Scratch space:

CLUE 2 Addition

You count the total redstone dust piles gathered from both chests.

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



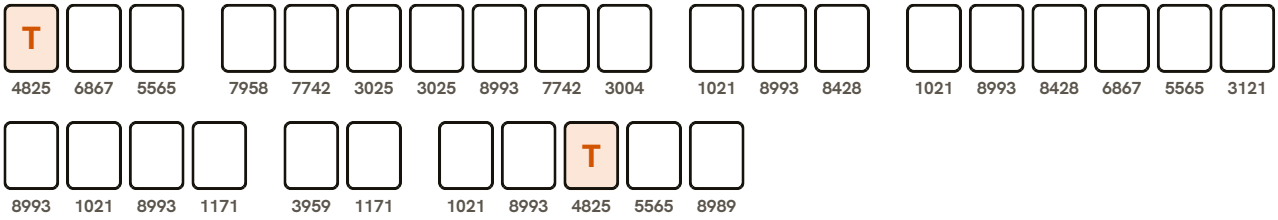
3008 + 4297 = ☐ → T	1277 + 1050 = ☐ → N	4410 + 2239 = ☐ → D
3585 + 1782 = ☐ → H	1394 + 2185 = ☐ → W	1655 + 1484 = ☐ → G
1377 + 1686 = ☐ → F	2098 + 2164 = ☐ → K	2937 + 1689 = ☐ → A
5987 + 2696 = ☐ → S	3922 + 4315 = ☐ → O	2909 + 6499 = ☐ → E
1765 + 2524 = ☐ → I	4786 + 3582 = ☐ → P	2237 + 4812 = ☐ → R

Scratch space:

CLUE 3 Subtraction

You subtract the broken obsidian blocks from the original stack to see what remains.

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



9162 - 4337 = ☐ → T

7010 - 4006 = ☐ → N

10421 - 1432 = ☐ → R

11269 - 4402 = ☐ → H

10366 - 1938 = ☐ → S

9018 - 25 = ☐ → A

9868 - 4303 = ☐ → E

12612 - 4870 = ☐ → I

12578 - 4620 = ☐ → V

4252 - 3231 = ☐ → W

7089 - 3130 = ☐ → B

3837 - 716 = ☐ → D

4824 - 3653 = ☐ → Y

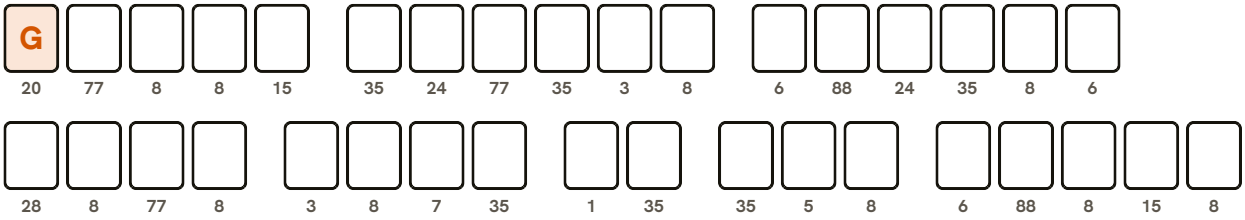
3814 - 789 = ☐ → L

Scratch space:

CLUE 4 Multiplication facts (1-12)

You multiply the rows of emerald blocks stored in the warehouse.

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



10 × 2 = ☐ → G	11 × 7 = ☐ → R	1 × 3 = ☐ → L	
1 × 1 = ☐ → A	1 × 6 = ☐ → S	3 × 5 = ☐ → N	5 × 7 = ☐ → T
1 × 5 = ☐ → H	2 × 4 = ☐ → E	7 × 1 = ☐ → F	11 × 8 = ☐ → C
4 × 6 = ☐ → U	7 × 4 = ☐ → W		

Scratch space:

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

> You divide the total diamonds equally among the village guards.

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:

54 ÷ 6 = ☐ | 4 ÷ 2 = ☐ | 5 ÷ 5 = ☐ | 108 ÷ 9 = ☐ | 110 ÷ 11 = ☐

30 ÷ 10 = ☐ | 21 ÷ 3 = ☐ | 48 ÷ 8 = ☐ | 110 ÷ 10 = ☐ | 35 ÷ 7 = ☐

80 ÷ 10 = ☐

Step 2 - cross out the sentence with each answer:

1. The villain mined through the obsidian vault, then set the wooden bridge ablaze.
2. The villain rewired the security pistons, then collected raw ore cleanly.
3. The villain shot TNT blocks from afar, then set the wooden bridge ablaze.
4. The villain mined through the obsidian vault, then deflected the explosion harm.
5. The villain slashed the redstone wiring, then set the wooden bridge ablaze.
6. The villain mined through the obsidian vault, then fired endless arrows into the air.
7. The villain slashed the redstone wiring, then fired endless arrows into the air.
8. The villain shot TNT blocks from afar, then survived the drop into the canyon.
9. The villain mined through the obsidian vault, then collected raw ore cleanly.
10. The villain speared through the glass barrier, then set the wooden bridge ablaze.
11. The villain shot TNT blocks from afar, then collected raw ore cleanly.
12. The villain slashed the redstone wiring, then deflected the explosion harm.

TEACHER / PARENT

Answer Key

The Blocky Bandit of Squarepeak

Culprit: TangoTek

Pickaxe · Blast Protection · Right Handed · Turtle Shell · Water Bucket

Trail: Start 21 → Clue 1 16 → Clue 2 11 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Place value): "THE VILLAIN DOES NOT USE INFINITY ENCHANTMENT"

What is the value of the 4 in 562,470? = 400 (T) · What is the value of the 8 in 148,374? = 8000 (C) · What is the value of the 9 in 267,950? = 900 (I) · What is the value of the 9 in 29,847? = 9000 (S) · What is the value of the 7 in 168,733? = 700 (Y) · What is the value of the 4 in 69,142? = 40 (F) · What is the value of the 1 in 592,190? = 100 (L) · What is the value of the 7 in 46,979? = 70 (H) · What is the value of the 1 in 70,917? = 10 (N) · What is the value of the 8 in 927,834? = 800 (A) · What is the value of the 2 in 88,820? = 20 (D) · What is the value of the 6 in 22,648? = 600 (E) · What is the value of the 7 in 827,088? = 7000 (U) · What is the value of the 6 in 47,460? = 60 (M) · What is the value of the 3 in 510,304? = 300 (V) · What is the value of the 4 in 704,578? = 4000 (O)

Clue 2 (Addition): "THE FOOTPRINTS SHOW A RIGHT HANDED SNEAKER"

3008 + 4297 = 7305 (T) · 1277 + 1050 = 2327 (N) · 4410 + 2239 = 6649 (D) · 3585 + 1782 = 5367 (H) · 1394 + 2185 = 3579 (W) · 1655 + 1484 = 3139 (G) · 1377 + 1686 = 3063 (F) · 2098 + 2164 = 4262 (K) · 2937 + 1689 = 4626 (A) · 5987 + 2696 = 8683 (S) · 3922 + 4315 = 8237 (O) · 2909 + 6499 = 9408 (E) · 1765 + 2524 = 4289 (I) · 4786 + 3582 = 8368 (P) · 2237 + 4812 = 7049 (R)

Clue 3 (Subtraction): "THE VILLAIN WAS WASHED AWAY BY WATER"

9162 - 4337 = 4825 (T) · 7010 - 4006 = 3004 (N) · 10421 - 1432 = 8989 (R) · 11269 - 4402 = 6867 (H) · 10366 - 1938 = 8428 (S) · 9018 - 25 = 8993 (A) · 9868 - 4303 = 5565 (E) · 12612 - 4870 = 7742 (I) · 12578 - 4620 = 7958 (V) · 4252 - 3231 = 1021 (W) · 7089 - 3130 = 3959 (B) · 3837 - 716 = 3121 (D) · 4824 - 3653 = 1171 (Y) · 3814 - 789 = 3025 (L)

Clue 4 (Multiplication facts (1-12)): "GREEN TURTLE SCUTES WERE LEFT AT THE SCENE"

10 × 2 = 20 (G) · 11 × 7 = 77 (R) · 1 × 3 = 3 (L) · 1 × 1 = 1 (A) · 1 × 6 = 6 (S) · 3 × 5 = 15 (N) · 5 × 7 = 35 (T) · 1 × 5 = 5 (H) · 2 × 4 = 8 (E) · 7 × 1 = 7 (F) · 11 × 8 = 88 (C) · 4 × 6 = 24 (U) · 7 × 4 = 28 (W)

Clue 5 (Division facts (1-12)): surviving statement is box 4 → TangoTek

54 ÷ 6 = 9 · 4 ÷ 2 = 2 · 5 ÷ 5 = 1 · 108 ÷ 9 = 12 · 110 ÷ 11 = 10 · 30 ÷ 10 = 3 · 21 ÷ 3 = 7 · 48 ÷ 8 = 6 · 110 ÷ 10 = 11 · 35 ÷ 7 = 5 · 80 ÷ 10 = 8