



The Golden Apple Heist

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

Detective: _____ Date: _____

The Server Admin's secret vault was raided! Someone stole the legendary Golden Apple from the spawn castle. We need to look at the blocks, follow the tracks, and catch the thief before the server restarts!

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 Crafter is _____

Possible suspects

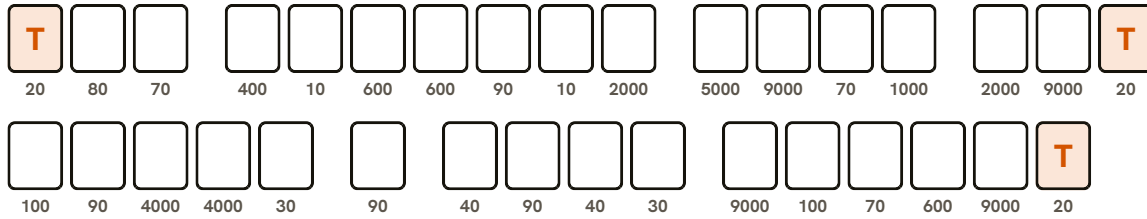
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	FAVORITE TOOL	POCKET PET	MOVEMENT STYLE	HELMET STYLE	FEAR
EthosLab	Golden Shovel	Tiny Slime	Left Handed Swing	Iron Helmet	Creepy Spiders
PearlescentMoon	Netherite Sword	Baby Ocelot	Left Handed Swing	Iron Helmet	Creepy Spiders
DanTDM	Iron Axe	Green Axolotl	Left Handed Swing	Gold Crown	Creepy Spiders
LDShadowLady	Enchanted Bow	Baby Ocelot	Left Handed Swing	Iron Helmet	Falling Sand
Shubble	Diamond Pickaxe	Baby Ocelot	Right Handed Swing	Iron Helmet	Water Blocks
Sapnap	Netherite Sword	Baby Ocelot	Left Handed Swing	Gold Crown	Water Blocks
Dream	Enchanted Bow	Red Parrot	Right Handed Swing	Iron Helmet	Falling Sand
Smallishbeans	Iron Axe	Baby Ocelot	Right Handed Swing	Iron Helmet	Creepy Spiders
Alex	Netherite Sword	Green Axolotl	Left Handed Swing	Iron Helmet	Water Blocks
Smajor	Iron Axe	Green Axolotl	Left Handed Swing	Gold Crown	Water Blocks
ZombieCleo	Enchanted Bow	Green Axolotl	Right Handed Swing	Iron Helmet	Creepy Spiders
FalseSymmetry	Golden Shovel	Baby Ocelot	Left Handed Swing	Gold Crown	Falling Sand
SolidarityGaming	Diamond Pickaxe	Tiny Slime	Left Handed Swing	Iron Helmet	Creepy Spiders
Mumbo	Netherite Sword	Tiny Slime	Left Handed Swing	Iron Helmet	Water Blocks
BdoubleO100	Enchanted Bow	Green Axolotl	Left Handed Swing	Iron Helmet	Creepy Spiders
Iskall	Enchanted Bow	Green Axolotl	Right Handed Swing	Turtle Shell	Falling Sand
Stampy	Enchanted Bow	Tamed Wolf	Right Handed Swing	Iron Helmet	Falling Sand
GoodTimesWithScar	Netherite Sword	Tiny Slime	Left Handed Swing	Iron Helmet	Creepy Spiders
Grian	Enchanted Bow	Tamed Wolf	Left Handed Swing	Gold Crown	Water Blocks
CaptainSparklez	Enchanted Bow	Baby Ocelot	Left Handed Swing	Iron Helmet	Creepy Spiders
Steve	Netherite Sword	Baby Ocelot	Right Handed Swing	Turtle Shell	Water Blocks

CLUE 1 Place value

The player roster shows the secret ID codes. Read the place value blocks to find the first code and decode the clue!

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



What is the value of the 2 in 929? → **T**

What is the value of the 5 in 95,303? → **D**

What is the value of the 1 in 818? → **I**

What is the value of the 9 in 49,066? → **O**

What is the value of the 6 in 652? → **L**

What is the value of the 4 in 478? → **V**

What is the value of the 2 in 92,134? → **N**

What is the value of the 7 in 672? → **E**

What is the value of the 4 in 4,238? → **R**

What is the value of the 3 in 830? → **Y**

What is the value of the 8 in 9,981? → **H**

What is the value of the 9 in 691? → **A**

What is the value of the 4 in 942? → **B**

What is the value of the 1 in 170? → **C**

What is the value of the 1 in 1,639? → **S**

Scratch space:

Rounding

Your map tracker only shows rounded block numbers. Round the numbers to locate the footprints!

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

Diagram illustrating a sequence of numbers (values) associated with boxes. The sequence is divided into two rows:

- Top Row: 4000, 200, 6000, 20, 7000, 2000, 2000, 900, 7000, 400, 30, 700, 7000, 400, 3000, 30, 700, 7000, 4000, 200.
- Bottom Row: 4000, 200, 6000, 7000, 70, 2000, 6000, 600, 4000, 200, 900, 400, 50.

The boxes containing the value 4000 in the top row and 4000 in the bottom row are highlighted in orange and labeled with a 'T'.

Round 3,635 to the nearest thousand → **T**

Round 572 to the nearest hundred → **F**

Round 48 to the nearest ten $\rightarrow$ **D**

Round 5,543 to the nearest thousand → **E**

Round 363 to the nearest hundred $\rightarrow$ **N**

Round 30 to the nearest ten $\rightarrow$ **S**

Round 720 to the nearest hundred $\rightarrow$ **W**

Round 912 to the nearest hundred $\rightarrow$ **A**

Round 7,454 to the nearest thousand $\rightarrow$

Round 151 to the nearest hundred $\rightarrow$ **H**

Round 72 to the nearest ten $\rightarrow$ **R**

Round 1,591 to the nearest thousand $\rightarrow$ **L**

Round 18 to the nearest ten $\rightarrow$ **V**

Round 2,644 to the nearest thousand → **G**

Scratch space:

CLUE 3

Addition

To open the redstone lock you need to count the iron blocks. Add up all the iron in the chests to crack the lock!

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

T																
350	480	339	797	730	484	484	202	730	463	942	480	730	797	339	431	942
463	339	202	431	260	431	339	339	610	906	942	610	730	320	339	431	942

$121 + 229 = \square \rightarrow \boxed{\text{T}}$

$442 + 288 = \square \rightarrow \boxed{\text{I}}$

$258 + 352 = \square \rightarrow \boxed{\text{P}}$

$203 + 117 = \square \rightarrow \boxed{\text{D}}$

$99 + 103 = \square \rightarrow \boxed{\text{A}}$

$186 + 298 = \square \rightarrow \boxed{\text{L}}$

$415 + 382 = \square \rightarrow \boxed{\text{V}}$

$421 + 521 = \square \rightarrow \boxed{\text{S}}$

$186 + 245 = \square \rightarrow \boxed{\text{R}}$

$386 + 520 = \square \rightarrow \boxed{\text{Y}}$

$175 + 164 = \square \rightarrow \boxed{\text{E}}$

$237 + 226 = \square \rightarrow \boxed{\text{N}}$

$263 + 217 = \square \rightarrow \boxed{\text{H}}$

$123 + 137 = \square \rightarrow \boxed{\text{C}}$

Scratch space:

CLUE 4

Subtraction

A creeper blew up part of the bridge. Subtract the broken blocks to calculate the path the villain took!

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

A												A						
839	464	108	869	820	464	355	483	105	263	483	104	387	839	490	105	483	704	104
108	464	104	355	483	733	355	483	490	104									

$1051 - 212 = \square \rightarrow \text{A}$

$1063 - 359 = \square \rightarrow \text{F}$

$268 - 164 = \square \rightarrow \text{T}$

$533 - 43 = \square \rightarrow \text{S}$

$392 - 5 = \square \rightarrow \text{W}$

$579 - 115 = \square \rightarrow \text{N}$

$962 - 142 = \square \rightarrow \text{O}$

$138 - 33 = \square \rightarrow \text{L}$

$751 - 396 = \square \rightarrow \text{H}$

$340 - 232 = \square \rightarrow \text{I}$

$508 - 245 = \square \rightarrow \text{M}$

$820 - 87 = \square \rightarrow \text{C}$

$1106 - 237 = \square \rightarrow \text{R}$

$509 - 26 = \square \rightarrow \text{E}$

Scratch space:

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

You found a bundle of healing potions. Share them equally among your team using division to uncover the final 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:

$40 \div 8 = \boxed{}$

$12 \div 2 = \boxed{}$

$72 \div 6 = \boxed{}$

$6 \div 3 = \boxed{}$

$44 \div 11 = \boxed{}$

$30 \div 3 = \boxed{}$

$77 \div 7 = \boxed{}$

$28 \div 4 = \boxed{}$

$7 \div 7 = \boxed{}$

$72 \div 8 = \boxed{}$

$32 \div 4 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain chopped down the wooden security door, then bounced away with a tiny slime.
2. The villain dug a secret tunnel under the floor, then carried a bucket with a green axolotl.
3. The villain shot a target block to open the gate, then carried a bucket with a green axolotl.
4. The villain slashed open the chest locking mechanism, then fed steak to a tamed wolf.
5. The villain slashed open the chest locking mechanism, then bounced away with a tiny slime.
6. The villain mined through the obsidian wall, then bounced away with a tiny slime.
7. The villain shot a target block to open the gate, then fed steak to a tamed wolf.
8. The villain dug a secret tunnel under the floor, then gave seeds to a red parrot.
9. The villain chopped down the wooden security door, then chased after a cute baby ocelot.
10. The villain dug a secret tunnel under the floor, then chased after a cute baby ocelot.
11. The villain slashed open the chest locking mechanism, then chased after a cute baby ocelot.
12. The villain dug a secret tunnel under the floor, then bounced away with a tiny slime.

Answer Key

The Golden Apple Heist

Culprit: BdoubleO100

Enchanted Bow · Green Axolotl · Left Handed Swing · Iron Helmet · Creepy Spiders

Trail: Start 21 → Clue 1 13 → Clue 2 9 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Place value): "THE VILLAIN DOES NOT CARRY A BABY OCELOT"

What is the value of the 2 in 929? = 20 (T) · What is the value of the 5 in 95,303? = 5000 (D) · What is the value of the 1 in 818? = 10 (I) · What is the value of the 9 in 49,066? = 9000 (O) · What is the value of the 6 in 652? = 600 (L) · What is the value of the 4 in 478? = 400 (V) · What is the value of the 2 in 92,134? = 2000 (N) · What is the value of the 7 in 672? = 70 (E) · What is the value of the 4 in 4,238? = 4000 (R) · What is the value of the 3 in 830? = 30 (Y) · What is the value of the 8 in 9,981? = 80 (H) · What is the value of the 9 in 691? = 90 (A) · What is the value of the 4 in 942? = 40 (B) · What is the value of the 1 in 170? = 100 (C) · What is the value of the 1 in 1,639? = 1000 (S)

Clue 2 (Rounding): "THE VILLAIN SWINGS WITH THEIR LEFT HAND"

Round 3,635 to the nearest thousand = 4000 (T) · Round 572 to the nearest hundred = 600 (F) · Round 48 to the nearest ten = 50 (D) · Round 5,543 to the nearest thousand = 6000 (E) · Round 363 to the nearest hundred = 400 (N) · Round 30 to the nearest ten = 30 (S) · Round 720 to the nearest hundred = 700 (W) · Round 912 to the nearest hundred = 900 (A) · Round 7,454 to the nearest thousand = 7000 (I) · Round 151 to the nearest hundred = 200 (H) · Round 72 to the nearest ten = 70 (R) · Round 1,591 to the nearest thousand = 2000 (L) · Round 18 to the nearest ten = 20 (V) · Round 2,644 to the nearest thousand = 3000 (G)

Clue 3 (Addition): "THE VILLAIN SHIVERS NEAR CREEPY SPIDERS"

$121 + 229 = 350$ (T) · $442 + 288 = 730$ (I) · $258 + 352 = 610$ (P) · $203 + 117 = 320$ (D) · $99 + 103 = 202$ (A) · $186 + 298 = 484$ (L) · $415 + 382 = 797$ (V) · $421 + 521 = 942$ (S) · $186 + 245 = 431$ (R) · $386 + 520 = 906$ (Y) · $175 + 164 = 339$ (E) · $237 + 226 = 463$ (N) · $263 + 217 = 480$ (H) · $123 + 137 = 260$ (C)

Clue 4 (Subtraction): "AN IRON HELMET WAS LEFT IN THE CHEST"

$1051 - 212 = 839$ (A) · $1063 - 359 = 704$ (F) · $268 - 164 = 104$ (T) · $533 - 43 = 490$ (S) · $392 - 5 = 387$ (W) · $579 - 115 = 464$ (N) · $962 - 142 = 820$ (O) · $138 - 33 = 105$ (L) · $751 - 396 = 355$ (H) · $340 - 232 = 108$ (I) · $508 - 245 = 263$ (M) · $820 - 87 = 733$ (C) · $1106 - 237 = 869$ (R) · $509 - 26 = 483$ (E)

Clue 5 (Division facts (1-12)): surviving statement is box 3 → BdoubleO100

$40 \div 8 = 5$ · $12 \div 2 = 6$ · $72 \div 6 = 12$ · $6 \div 3 = 2$ · $44 \div 11 = 4$ · $30 \div 3 = 10$ · $77 \div 7 = 11$ · $28 \div 4 = 7$ · $7 \div 7 = 1$ · $72 \div 8 = 9$ · $32 \div 4 = 8$