



The Mystery of the Missing Ender Dragon Egg

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

Detective: _____ Date: _____

The grand Ender Dragon Egg has been stolen from the town hall! The Master Builder is devastated because the annual Block-Building Contest is tomorrow. If we do not find the Griefing Glitch in time, the whole contest will be ruined. We must look at the redstone clues, search the pixel mines, and catch the thief!

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 Griefing Glitch is _____

Possible suspects

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

NAME	SUPER WEAPON	POTION EFFECT	HELD ITEM	HAIR COLOR	WEAKNESS
DanTDM	Enchanted Crossbow	Leaping Potion	Holds Map	Brown Hair	Splash Water Potion
Tommy	Flame Bow	Speed Potion	Holds Map	Brown Hair	Flint and Steel
Grian	Trident of Riptide	Strength Potion	Holds Map	Blonde Hair	Flint and Steel
Steve	Enchanted Crossbow	Leaping Potion	Holds Map	Blonde Hair	Splash Water Potion
Sparklez	Diamond Sword	Speed Potion	Holds Map	Brown Hair	Lava Bucket
Scar	Netherite Axe	Invisibility Potion	Holds Map	Blue Hair	Splash Water Potion
Bdubs	Enchanted Crossbow	Invisibility Potion	Holds Compass	Blonde Hair	Flint and Steel
BadBoyHalo	Diamond Sword	Speed Potion	Holds Compass	Blue Hair	Splash Water Potion
Tubbo	Enchanted Crossbow	Strength Potion	Holds Compass	Blonde Hair	Lava Bucket
Skeppy	Trident of Riptide	Invisibility Potion	Holds Map	Brown Hair	Splash Water Potion
Preston	Diamond Sword	Leaping Potion	Holds Compass	Blonde Hair	Flint and Steel
Dream	Netherite Axe	Fire Resistance	Holds Map	Blonde Hair	Splash Water Potion
Stampy	Netherite Axe	Strength Potion	Holds Compass	Blonde Hair	Flint and Steel
Cleo	Enchanted Crossbow	Strength Potion	Holds Compass	Brown Hair	Flint and Steel
George	Netherite Axe	Strength Potion	Holds Compass	Blue Hair	Splash Water Potion
Aphmau	Diamond Sword	Leaping Potion	Holds Compass	Blonde Hair	Lava Bucket
Pearl	Enchanted Crossbow	Leaping Potion	Holds Compass	Blue Hair	Lava Bucket
Shubble	Diamond Sword	Fire Resistance	Holds Compass	Blonde Hair	Flint and Steel
Mumbo	Flame Bow	Leaping Potion	Holds Map	Blonde Hair	Lava Bucket
Sapnap	Netherite Axe	Speed Potion	Holds Compass	Blonde Hair	Flint and Steel
Tango	Diamond Sword	Fire Resistance	Holds Compass	Blonde Hair	Lava Bucket

CLUE 1 Rounding

We check the coordinates on the village map. The tracker screen is glitchy and only shows rounded numbers. We have to round the distance to the nearest ten to find the first clue!

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

900 7000 700 6000 3000 400 400 80 3000 800 600 70 700 60 800 70 900

600 40 3000 800 30 3000 800 6000 3000 60 3000 9000 3000 400 3000 900 5000

8000 70 900 3000 70 800

Round 859 to the nearest hundred $\rightarrow$ **T**

Round 6,592 to the nearest thousand → **H**

Round 38 to the nearest ten $\rightarrow$ **R**

Round 83 to the nearest ten $\rightarrow$ **A**

Round 73 to the nearest ten $\rightarrow$

Round 28 to the nearest ten $\rightarrow$ **K**

Round 8,705 to the nearest thousand → **B**

Round 2,691 to the nearest thousand →

Round 7,525 to the nearest thousand → **P**

Round 620 to the nearest hundred $\rightarrow$ **D**

Round 761 to the nearest hundred → **N**

Round 385 to the nearest hundred $\rightarrow$ **L**

Round 56 to the nearest ten $\rightarrow$ **S**

Round 5,488 to the nearest thousand → **Y**

Round 6,230 to the nearest thousand → **V**

Round 693 to the nearest hundred → **E**

Scratch space:

CLUE 2 Addition

The thief knocked over stacks of iron ingots. We need to add all the fallen iron blocks together to see how many the thief touched. This gives us a new clue!

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

T																T	
476	325	277	391	647	571	571	207	647	958	571	647	547	277	637	476	780	

		T			T													
963	207	476	363	325	476	325	277	363	780	496	382	207	637	637	637	382	647	958

$269 + 207 = \square \rightarrow \text{T}$	$430 + 217 = \square \rightarrow \text{I}$	$290 + 673 = \square \rightarrow \text{W}$
$287 + 493 = \square \rightarrow \text{O}$	$82 + 125 = \square \rightarrow \text{A}$	$230 + 341 = \square \rightarrow \text{L}$
$406 + 231 = \square \rightarrow \text{S}$	$101 + 224 = \square \rightarrow \text{H}$	$189 + 174 = \square \rightarrow \text{C}$
$145 + 246 = \square \rightarrow \text{V}$	$271 + 225 = \square \rightarrow \text{M}$	$144 + 133 = \square \rightarrow \text{E}$
$300 + 247 = \square \rightarrow \text{K}$	$183 + 199 = \square \rightarrow \text{P}$	$333 + 625 = \square \rightarrow \text{N}$

Scratch space:

CLUE 3
Subtraction

The thief broke some armor stands and took some diamonds from the chest. If we subtract the remaining items from the total, the leftover number reveals the next clue!

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

A			A												A		
214	565	335	214	898	240	675	898	338	794	675	647	360	102	391	214	102	820
565	391	707	707	647	565	391	338	335	565	391	373	707	794				

$239 - 25 = \square \rightarrow \text{A}$

$501 - 110 = \square \rightarrow \text{T}$

$652 - 314 = \square \rightarrow \text{O}$

$418 - 45 = \square \rightarrow \text{H}$

$415 - 313 = \square \rightarrow \text{N}$

$383 - 48 = \square \rightarrow \text{P}$

$795 - 88 = \square \rightarrow \text{E}$

$612 - 372 = \square \rightarrow \text{K}$

$1197 - 377 = \square \rightarrow \text{D}$

$819 - 144 = \square \rightarrow \text{F}$

$673 - 313 = \square \rightarrow \text{I}$

$1024 - 377 = \square \rightarrow \text{L}$

$1149 - 251 = \square \rightarrow \text{R}$

$1148 - 354 = \square \rightarrow \text{M}$

$786 - 221 = \square \rightarrow \text{S}$

Scratch space:

CLUE 4
Multiplication facts (1-12)

The village greenhouse has rows of pumpkins. By multiplying the rows of pumpkins by the number in each row, we find the secret code for Clue Four!

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

Y																			
144	35	108	4	45	49	72	36	15	45	70	121	42	36	44	35	49	72	6	
121	55	45	15	49	6	55	15	42	121	6	90	121	6	5	42				

$12 \times 12 = \square \rightarrow \text{Y}$

$6 \times 7 = \square \rightarrow \text{T}$

$10 \times 7 = \square \rightarrow \text{G}$

$7 \times 7 = \square \rightarrow \text{N}$

$5 \times 3 = \square \rightarrow \text{R}$

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

$4 \times 11 = \square \rightarrow \text{L}$

$11 \times 5 = \square \rightarrow \text{A}$

$5 \times 1 = \square \rightarrow \text{S}$

$6 \times 12 = \square \rightarrow \text{D}$

$5 \times 9 = \square \rightarrow \text{I}$

$12 \times 3 = \square \rightarrow \text{B}$

$12 \times 9 = \square \rightarrow \text{U}$

$5 \times 7 = \square \rightarrow \text{O}$

$9 \times 10 = \square \rightarrow \text{C}$

$1 \times 6 = \square \rightarrow \text{E}$

$2 \times 2 = \square \rightarrow \text{F}$

Scratch space:

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

We find a stash of golden apples left behind by the thief. If we divide the apples equally among our five pixel wolves, the remaining share points us to 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:

$24 \div 3 = \boxed{}$

$24 \div 4 = \boxed{}$

$55 \div 11 = \boxed{}$

$33 \div 3 = \boxed{}$

$63 \div 9 = \boxed{}$

$15 \div 5 = \boxed{}$

$16 \div 4 = \boxed{}$

$80 \div 8 = \boxed{}$

$45 \div 5 = \boxed{}$

$12 \div 6 = \boxed{}$

$1 \div 1 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain chops with a netherite axe, then walks through fire resistance sparks.
2. The villain fires an enchanted crossbow, then hits hard with strength potion power.
3. The villain throws a trident of riptide, then jumps high with leaping potion energy.
4. The villain fires an enchanted crossbow, then jumps high with leaping potion energy.
5. The villain chops with a netherite axe, then hits hard with strength potion power.
6. The villain swings a diamond sword, then jumps high with leaping potion energy.
7. The villain shoots a flame bow, then vanishes using invisibility potion.
8. The villain swings a diamond sword, then walks through fire resistance sparks.
9. The villain shoots a flame bow, then walks through fire resistance sparks.
10. The villain chops with a netherite axe, then jumps high with leaping potion energy.
11. The villain swings a diamond sword, then hits hard with strength potion power.
12. The villain chops with a netherite axe, then runs away with speed potion power.

Answer Key

The Mystery of the Missing Ender Dragon Egg

Culprit: Sarnap

Netherite Axe · Speed Potion · Holds Compass · Blonde Hair · Flint and Steel

Trail: Start 21 → Clue 1 18 → Clue 2 11 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Rounding): "THE VILLAIN DOES NOT DRINK INVISIBILITY POTION"

Round 859 to the nearest hundred = 900 (T) · Round 6,592 to the nearest thousand = 7000 (H) · Round 38 to the nearest ten = 40 (R) · Round 83 to the nearest ten = 80 (A) · Round 73 to the nearest ten = 70 (O) · Round 28 to the nearest ten = 30 (K) · Round 8,705 to the nearest thousand = 9000 (B) · Round 2,691 to the nearest thousand = 3000 (I) · Round 7,525 to the nearest thousand = 8000 (P) · Round 620 to the nearest hundred = 600 (D) · Round 761 to the nearest hundred = 800 (N) · Round 385 to the nearest hundred = 400 (L) · Round 56 to the nearest ten = 60 (S) · Round 5,488 to the nearest thousand = 5000 (Y) · Round 6,230 to the nearest thousand = 6000 (V) · Round 693 to the nearest hundred = 700 (E)

Clue 2 (Addition): "THE VILLAIN LIKES TO WATCH THE COMPASS SPIN"

$269 + 207 = 476$ (T) · $430 + 217 = 647$ (I) · $290 + 673 = 963$ (W) · $287 + 493 = 780$ (O) · $82 + 125 = 207$ (A) · $230 + 341 = 571$ (L) · $406 + 231 = 637$ (S) · $101 + 224 = 325$ (H) · $189 + 174 = 363$ (C) · $145 + 246 = 391$ (V) · $271 + 225 = 496$ (M) · $144 + 133 = 277$ (E) · $300 + 247 = 547$ (K) · $183 + 199 = 382$ (P) · $333 + 625 = 958$ (N)

Clue 3 (Subtraction): "A SPARK FROM FLINT AND STEEL STOPS THEM"

$239 - 25 = 214$ (A) · $501 - 110 = 391$ (T) · $652 - 314 = 338$ (O) · $418 - 45 = 373$ (H) · $415 - 313 = 102$ (N) · $383 - 48 = 335$ (P) · $795 - 88 = 707$ (E) · $612 - 372 = 240$ (K) · $1197 - 377 = 820$ (D) · $819 - 144 = 675$ (F) · $673 - 313 = 360$ (I) · $1024 - 377 = 647$ (L) · $1149 - 251 = 898$ (R) · $1148 - 354 = 794$ (M) · $786 - 221 = 565$ (S)

Clue 4 (Multiplication facts (1-12)): "YOU FIND BRIGHT BLONDE HAIR NEAR THE CHEST"

$12 \times 12 = 144$ (Y) · $6 \times 7 = 42$ (T) · $10 \times 7 = 70$ (G) · $7 \times 7 = 49$ (N) · $5 \times 3 = 15$ (R) · $11 \times 11 = 121$ (H) · $4 \times 11 = 44$ (L) · $11 \times 5 = 55$ (A) · $5 \times 1 = 5$ (S) · $6 \times 12 = 72$ (D) · $5 \times 9 = 45$ (I) · $12 \times 3 = 36$ (B) · $12 \times 9 = 108$ (U) · $5 \times 7 = 35$ (O) · $9 \times 10 = 90$ (C) · $1 \times 6 = 6$ (E) · $2 \times 2 = 4$ (F)

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

$24 \div 3 = 8$ · $24 \div 4 = 6$ · $55 \div 11 = 5$ · $33 \div 3 = 11$ · $63 \div 9 = 7$ · $15 \div 5 = 3$ · $16 \div 4 = 4$ · $80 \div 8 = 10$ · $45 \div 5 = 9$ · $12 \div 6 = 2$ · $1 \div 1 = 1$