



The Great Battle Island Loot Heist

Grade 5 math · Place value, Multiplication, Rounding, Skip counting, Division · Reading level grades 5-6

Detective: _____ **Date:** _____

A mysterious rogue looter has hacked the Island's supply drops, stealing all the legendary gold scars! The Supply Drop Coordinator needs your squad to crack the math codes, track down the thief before the final storm closes in, and secure a Victory Royale!

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 looter is _____

Possible suspects

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

NAME	SIGNATURE SKIN	HARVESTING TOOL	ACTIVE WRAP	CONTRAIL COLOR	COUNTER ITEM
AliA	Midas the Golden	Reaper Scythe	Blue Metallic Wrap	Zero Point Blue	Launch Pad
Muselk	Drift the Traveler	Candy Axe	Neon Magma Wrap	Glitchy Green	Shield Potion
Fresh	Midas the Golden	Rainbow Smash	Blue Metallic Wrap	Plasma Pink	Launch Pad
Valkyrae	Cuddle Team Leader	Reaper Scythe	Neon Magma Wrap	Zero Point Blue	Launch Pad
CourageJD	Raven the Dark	Reaper Scythe	Neon Magma Wrap	Glitchy Green	Boogie Bomb
Mongraal	Cuddle Team Leader	Studded Axe	Blue Metallic Wrap	Glitchy Green	Launch Pad
Bugha	Peely the Banana	Studded Axe	Blue Metallic Wrap	Zero Point Blue	Launch Pad
Dakotaz	Drift the Traveler	Rainbow Smash	Blue Metallic Wrap	Glitchy Green	Shield Potion
Ninja	Midas the Golden	Candy Axe	Blue Metallic Wrap	Zero Point Blue	Launch Pad
Lazarbeam	Peely the Banana	Rainbow Smash	Neon Magma Wrap	Zero Point Blue	Boogie Bomb
Nickeh30	Drift the Traveler	Reaper Scythe	Neon Magma Wrap	Plasma Pink	Launch Pad
TypicalGamer	Peely the Banana	Candy Axe	Blue Metallic Wrap	Zero Point Blue	Launch Pad
Grefg	Drift the Traveler	Candy Axe	Blue Metallic Wrap	Glitchy Green	Shield Potion
Lachlan	Peely the Banana	Studded Axe	Blue Metallic Wrap	Plasma Pink	Launch Pad
Chica	Drift the Traveler	Studded Axe	Neon Magma Wrap	Plasma Pink	Launch Pad
Tfue	Cuddle Team Leader	Rainbow Smash	Neon Magma Wrap	Glitchy Green	Boogie Bomb
Aydan	Raven the Dark	Rainbow Smash	Blue Metallic Wrap	Zero Point Blue	Launch Pad
Benjyfishy	Cuddle Team Leader	Rainbow Smash	Blue Metallic Wrap	Plasma Pink	Shield Potion
SypherPK	Midas the Golden	Reaper Scythe	Blue Metallic Wrap	Zero Point Blue	Boogie Bomb
Myth	Drift the Traveler	Studded Axe	Blue Metallic Wrap	Zero Point Blue	Boogie Bomb
Ewok	Peely the Banana	Candy Axe	Neon Magma Wrap	Plasma Pink	Boogie Bomb

CLUE 1

We found an old loot-box terminal near Dusty Divot. Its digital lock screen has a grid of blinking numbers. If you can identify which digit is in the thousands place of the security code, we can extract the first detail about the culprit's gear.

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

700 10 800 6000 20 50 50 60 20 9000 70 500 800 80 9000 500 700 400 80 800 700 10 800 1000 60 20 9000 40 500 200 80 300 60 80 10

What is the value of the 7 in 525,768? → **T**

What is the value of the 9 in 739,608? → **N**

What is the value of the 8 in 232,682? → **S**

What is the value of the 3 in 10,395? → **M**

What is the value of the 1 in 772,312? → **H**

What is the value of the 1 in 51,896? → **R**

What is the value of the 6 in 99,868? → **A**

What is the value of the 5 in 989,577? →

What is the value of the 2 in 135,270? → **W**

What is the value of the 6 in 16,932? → **V**

What is the value of the 4 in 32,047? → **B**

What is the value of the 5 in 83,356? → **L**

What is the value of the 7 in 993,375? → **D**

What is the value of the 4 in 86,410? → **U**

What is the value of the 2 in 11,524? →

What is the value of the 8 in 53,819? → **E**

Scratch space:

CLUE 2

Multiplication facts (1-12)

Your squad spots a stack of heavy supply crates dropped in the wailing woods. They are stacked in even rows. To unlock them, we need to multiply the number of rows by the crates in each row to find the total wood supply.

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

T																	
55	14	80	60	40	4	12	45	12	120	66	12	60	60	10	80	50	12
66	5	5	2	77	2	40	80	45	80	12	24	5	4	45	60	12	24

$11 \times 5 = \square \rightarrow \boxed{\text{T}}$

$4 \times 6 = \square \rightarrow \boxed{\text{P}}$

$10 \times 8 = \square \rightarrow \boxed{\text{E}}$

$7 \times 11 = \square \rightarrow \boxed{\text{B}}$

$5 \times 8 = \square \rightarrow \boxed{\text{U}}$

$12 \times 10 = \square \rightarrow \boxed{\text{Y}}$

$4 \times 3 = \square \rightarrow \boxed{\text{A}}$

$5 \times 10 = \square \rightarrow \boxed{\text{D}}$

$2 \times 1 = \square \rightarrow \boxed{\text{L}}$

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

$5 \times 12 = \square \rightarrow \boxed{\text{R}}$

$2 \times 7 = \square \rightarrow \boxed{\text{H}}$

$1 \times 5 = \square \rightarrow \boxed{\text{O}}$

$2 \times 5 = \square \rightarrow \boxed{\text{I}}$

$6 \times 11 = \square \rightarrow \boxed{\text{C}}$

$2 \times 2 = \square \rightarrow \boxed{\text{N}}$

Scratch space:

CLUE 3 Rounding

The storm tracker in your inventory is malfunctioning and only displays decimal coordinates. We need to round the distance to the nearest whole circle zone to get a clear ping of the suspect's trail.

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

S																	
230	500	200	300	110	700	130	5000	900	1300	500	500	130	170	370	30		
	S																
7000	230	20	130	500	7000	370	430	7000	300	200	130	370	370	130	20	3000	

Round 228 to the nearest ten → **S**

Round 893 to the nearest hundred → **U**

Round 193 to the nearest hundred → **R**

Round 170 to the nearest ten → **D**

Round 5,147 to the nearest thousand → **J**

Round 370 to the nearest ten → **T**

Round 2,787 to the nearest thousand → **K**

Round 530 to the nearest hundred → **P**

Round 28 to the nearest ten → **O**

Round 21 to the nearest ten → **C**

Round 326 to the nearest hundred → **I**

Round 432 to the nearest ten → **H**

Round 128 to the nearest ten → **A**

Round 705 to the nearest hundred → **G**

Round 1,271 to the nearest hundred → **M**

Round 7,107 to the nearest thousand → **E**

Round 111 to the nearest ten → **N**

Scratch space:

CLUE 4 Skip counting

We found a series of launch pad coordinates carved into a brick wall. The numbers jump by the exact same amount each time. Fill in the missing counts to activate the rift and follow the thief.

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

C					C					C									
60	80	65	14	26	60	36	10	90	130	60	80	10	24	130	9	130	140	33	18
65	28	26	140	10	130	24	26	9	16	8	130	26	140	28	12	6	130		

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, __, 65, 70 → **C**

Skip-count by 2s. Fill the blank: 2, 4, 6, __, 10, 12 → **H**

Skip-count by 3s. Fill the blank: 3, 6, 9, __, 15, 18 → **A**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, __, 16, 18 → **M**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, __, 18, 20 → **T**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, __, 140, 150 → **E**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, __, 39, 42 → **B**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, __, 150, 160 → **R**

Skip-count by 3s. Fill the blank: 3, 6, __, 12, 15 → **N**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, __, 28, 30 → **I**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, __, 26, 28 → **D**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, __, 70, 75 → **S**

Skip-count by 2s. Fill the blank: 2, 4, __, 8, 10 → **K**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, __, 12, 14 → **L**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, __, 100, 110 → **U**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, __, 21, 24 → **Y**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, __, 36, 39 → **G**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, __, 30, 32 → **W**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, __, 90, 100 → **O**

Scratch space:

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

A group of friendly defaults wants to split a cache of healing items equally. If we divide the total stash of bandages fairly among the squad, they will share what they saw the suspicious player wearing.

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:

$14 \div 2 = \boxed{}$

$48 \div 8 = \boxed{}$

$81 \div 9 = \boxed{}$

$4 \div 2 = \boxed{}$

$11 \div 11 = \boxed{}$

$77 \div 7 = \boxed{}$

$5 \div 1 = \boxed{}$

$110 \div 11 = \boxed{}$

$4 \div 1 = \boxed{}$

$96 \div 8 = \boxed{}$

$16 \div 2 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain drank a heavy blue shield potion, then escaped using a kinetic shockwave.
2. The villain built a towering wooden fort, then escaped using a kinetic shockwave.
3. The villain drank a heavy blue shield potion, then sprinted into the shrinking storm.
4. The villain cranked ninety degree turns with ramps, then danced a victory royale emote.
5. The villain looted a legendary golden chest, then rode a rocket across the island.
6. The villain built a towering wooden fort, then rode a rocket across the island.
7. The villain drank a heavy blue shield potion, then danced a victory royale emote.
8. The villain built a towering wooden fort, then splashed a chug splash nearby.
9. The villain built a towering wooden fort, then sprinted into the shrinking storm.
10. The villain looted a legendary golden chest, then danced a victory royale emote.
11. The villain cranked ninety degree turns with ramps, then splashed a chug splash nearby.
12. The villain looted a legendary golden chest, then escaped using a kinetic shockwave.

Answer Key

The Great Battle Island Loot Heist

Culprit: Ninja

Midas the Golden · Candy Axe · Blue Metallic Wrap · Zero Point Blue · Launch Pad

Trail: Start 21 → Clue 1 15 → Clue 2 9 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Place value): "THE VILLAIN DOES NOT USE THE RAINBOW SMASH"

What is the value of the 7 in 525,768? = 700 (T) · What is the value of the 9 in 739,608? = 9000 (N) · What is the value of the 8 in 232,682? = 80 (S) · What is the value of the 3 in 10,395? = 300 (M) · What is the value of the 1 in 772,312? = 10 (H) · What is the value of the 1 in 51,896? = 1000 (R) · What is the value of the 6 in 99,868? = 60 (A) · What is the value of the 5 in 989,577? = 500 (O) · What is the value of the 2 in 135,270? = 200 (W) · What is the value of the 6 in 16,932? = 6000 (V) · What is the value of the 4 in 32,047? = 40 (B) · What is the value of the 5 in 83,356? = 50 (L) · What is the value of the 7 in 993,375? = 70 (D) · What is the value of the 4 in 86,410? = 400 (U) · What is the value of the 2 in 11,524? = 20 (I) · What is the value of the 8 in 53,819? = 800 (E)

Clue 2 (Multiplication facts (1-12)): "THE RUNAWAY CARRIED A COOL BLUE WEAPON WRAP"

$11 \times 5 = 55$ (T) · $4 \times 6 = 24$ (P) · $10 \times 8 = 80$ (E) · $7 \times 11 = 77$ (B) · $5 \times 8 = 40$ (U) · $12 \times 10 = 120$ (Y) · $4 \times 3 = 12$ (A) · $5 \times 10 = 50$ (D) · $2 \times 1 = 2$ (L) · $5 \times 9 = 45$ (W) · $5 \times 12 = 60$ (R) · $2 \times 7 = 14$ (H) · $1 \times 5 = 5$ (O) · $2 \times 5 = 10$ (I) · $6 \times 11 = 66$ (C) · $2 \times 2 = 4$ (N)

Clue 3 (Rounding): "SPRING A JUMP PAD TO ESCAPE THEIR ATTACK"

Round 228 to the nearest ten = 230 (S) · Round 893 to the nearest hundred = 900 (U) · Round 193 to the nearest hundred = 200 (R) · Round 170 to the nearest ten = 170 (D) · Round 5,147 to the nearest thousand = 5000 (J) · Round 370 to the nearest ten = 370 (T) · Round 2,787 to the nearest thousand = 3000 (K) · Round 530 to the nearest hundred = 500 (P) · Round 28 to the nearest ten = 30 (O) · Round 21 to the nearest ten = 20 (C) · Round 326 to the nearest hundred = 300 (I) · Round 432 to the nearest ten = 430 (H) · Round 128 to the nearest ten = 130 (A) · Round 705 to the nearest hundred = 700 (G) · Round 1,271 to the nearest hundred = 1300 (M) · Round 7,107 to the nearest thousand = 7000 (E) · Round 111 to the nearest ten = 110 (N)

Clue 4 (Skip counting): "COSMIC BLUE COLD ENERGY SWIRLED IN THEIR WAKE"

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, __, 65, 70 = 60 (C) · Skip-count by 2s. Fill the blank: 2, 4, 6, __, 10, 12 = 8 (H) · Skip-count by 3s. Fill the blank: 3, 6, 9, __, 15, 18 = 12 (A) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, __, 16, 18 = 14 (M) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, __, 18, 20 = 16 (T) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, __, 140, 150 = 130 (E) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, __, 39, 42 = 36 (B) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, __, 150, 160 = 140 (R) · Skip-count by 3s. Fill the blank: 3, 6, __, 12, 15 = 9 (N) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, __, 28, 30 = 26 (I) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, __, 26, 28 = 24 (D) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, __, 70, 75 = 65 (S) · Skip-count by 2s. Fill the blank: 2, 4, __, 8, 10 = 6 (K) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, __, 12, 14 = 10 (L) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, __, 100, 110 = 90 (U) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, __, 21, 24 = 18 (Y) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, __, 36, 39 = 33 (G) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, __, 30, 32 = 28 (W) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, __, 90, 100 = 80 (O)

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

$14 \div 2 = 7$ · $48 \div 8 = 6$ · $81 \div 9 = 9$ · $4 \div 2 = 2$ · $11 \div 11 = 1$ · $77 \div 7 = 11$ · $5 \div 1 = 5$ · $110 \div 11 = 10$ · $4 \div 1 = 4$ · $96 \div 8 = 12$ · $16 \div 2 = 8$