



The Zero Point Heist

Grade 4 math · Addition, Subtraction, Multiplication, Rounding, Division · Reading level grades 5-6

Detective: _____ **Date:** _____

The Zero Point is highly unstable! A rogue looper has swiped the Golden Crown from the Supply Llama Vault and escaped into the closing Storm. If we do not decode the telemetry data and find the culprit, the loop will reset forever. Use your tactical map, gather the battle data, and find the rogue looper before the final circle shrinks!

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 looper is _____

Possible suspects

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

NAME	SIGNATURE WEAPON	FAVORITE CONSUMABLE	MOVEMENT STYLE	LOBBY GLOW COLOR	TACTICAL FLAW
Ruby	Shockwave Bow	Flowberry	Double Jumping	Neon Pink	Harpoon Pull
Skye	Assault Rifle	Flowberry	Slide Canceling	Chrome Silver	Stinky Stink Bomb
Fishstick	Rocket Launcher	Slap Juice	Double Jumping	Neon Pink	Boogie Bomb Dance
Ramirez	Sniper Rifle	Mini Shield	Slide Canceling	Neon Pink	Stinky Stink Bomb
Drift	Assault Rifle	Mini Shield	Double Jumping	Chrome Silver	Harpoon Pull
Guff	Sniper Rifle	Slap Juice	Slide Canceling	Golden Yellow	Boogie Bomb Dance
Mancake	Rocket Launcher	Medkit	Double Jumping	Neon Pink	Harpoon Pull
Peely	Sniper Rifle	Mini Shield	Double Jumping	Neon Pink	Harpoon Pull
Jonesy	Sniper Rifle	Flowberry	Slide Canceling	Chrome Silver	Harpoon Pull
Renegade Raider	Rocket Launcher	Mini Shield	Slide Canceling	Neon Pink	Boogie Bomb Dance
Aura	Pump Shotgun	Chug Splash	Double Jumping	Neon Pink	Harpoon Pull
Wildcat	Assault Rifle	Medkit	Double Jumping	Golden Yellow	Boogie Bomb Dance
Penny	Pump Shotgun	Chug Splash	Double Jumping	Golden Yellow	Boogie Bomb Dance
Raptor	Rocket Launcher	Slap Juice	Slide Canceling	Neon Pink	Harpoon Pull
Caper	Assault Rifle	Medkit	Slide Canceling	Golden Yellow	Boogie Bomb Dance
Brite Bomber	Sniper Rifle	Chug Splash	Double Jumping	Chrome Silver	Stinky Stink Bomb
Midas	Pump Shotgun	Mini Shield	Double Jumping	Chrome Silver	Stinky Stink Bomb
Lynx	Sniper Rifle	Chug Splash	Double Jumping	Neon Pink	Harpoon Pull
Rust Lord	Assault Rifle	Mini Shield	Double Jumping	Neon Pink	Boogie Bomb Dance
Evie	Pump Shotgun	Mini Shield	Double Jumping	Neon Pink	Stinky Stink Bomb
Meowscles	Shockwave Bow	Flowberry	Double Jumping	Chrome Silver	Boogie Bomb Dance

CLUE 1 Addition

We searched the drop site and counted the discarded shield potions. Add the big shield pots to the small shield potions to unlock the first clue.

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

T										T								T
9078	4665	9455	6323	2039	6323	3526	9455	2482	9078	3435	9629	9455	6323	3113	9629	9078		

2482	6056	3856	3856	9315	2209	5202	9629	6814	4522	9455	3856	3856	4092	9455	6323	

$4036 + 5042 = \square \rightarrow \text{T}$	$1309 + 1804 = \square \rightarrow \text{N}$	$1507 + 1928 = \square \rightarrow \text{D}$
$4522 + 4793 = \square \rightarrow \text{Y}$	$1156 + 2370 = \square \rightarrow \text{P}$	$3638 + 3176 = \square \rightarrow \text{W}$
$1860 + 2662 = \square \rightarrow \text{B}$	$846 + 1636 = \square \rightarrow \text{C}$	$1486 + 723 = \square \rightarrow \text{F}$
$1447 + 3218 = \square \rightarrow \text{H}$	$2611 + 3712 = \square \rightarrow \text{S}$	$2310 + 1546 = \square \rightarrow \text{R}$
$3404 + 1798 = \square \rightarrow \text{L}$	$4589 + 5040 = \square \rightarrow \text{O}$	$2763 + 3293 = \square \rightarrow \text{A}$
$3605 + 5850 = \square \rightarrow \text{E}$	$1811 + 2281 = \square \rightarrow \text{I}$	$1023 + 1016 = \square \rightarrow \text{U}$

Scratch space:

CLUE 2

Subtraction

The squad started with a full stack of bandages, but several were used in the storm fight. Subtract the remaining bandages to reveal the next piece of data.

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

T															
6081	1632	5270	4997	5035	3024	6881	6724	2219	6081	3024	2219	6420	5270	8747	

7045	8245	5035	3107	3024	5270	8266	5035	8164	6881	2219	1755	3695

$10753 - 4672 = \square \rightarrow \boxed{\text{T}}$

$8507 - 4812 = \square \rightarrow \boxed{\text{G}}$

$5526 - 529 = \square \rightarrow \boxed{\text{C}}$

$3970 - 2215 = \square \rightarrow \boxed{\text{N}}$

$9422 - 3002 = \square \rightarrow \boxed{\text{K}}$

$8898 - 632 = \square \rightarrow \boxed{\text{J}}$

$8835 - 671 = \square \rightarrow \boxed{\text{M}}$

$5611 - 2587 = \square \rightarrow \boxed{\text{L}}$

$9267 - 1022 = \square \rightarrow \boxed{\text{O}}$

$4872 - 3240 = \square \rightarrow \boxed{\text{H}}$

$9227 - 2182 = \square \rightarrow \boxed{\text{D}}$

$6953 - 229 = \square \rightarrow \boxed{\text{R}}$

$8063 - 1182 = \square \rightarrow \boxed{\text{P}}$

$10522 - 1775 = \square \rightarrow \boxed{\text{S}}$

$6059 - 789 = \square \rightarrow \boxed{\text{E}}$

$5276 - 3057 = \square \rightarrow \boxed{\text{I}}$

$7669 - 4562 = \square \rightarrow \boxed{\text{B}}$

$5155 - 120 = \square \rightarrow \boxed{\text{U}}$

Scratch space:

CLUE 3
Multiplication facts (1-12)

We found storage crates stacked neatly in equal rows near the Reboot Van. Multiply the crates in each row by the number of rows to get the security bypass code.

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

A		A														
33	110	33	56	88	28	28	60	88	50	54	54	14	56	35	88	108
14	110	64	6	50	88											

$3 \times 11 = \square \rightarrow \mathbf{A}$	$7 \times 5 = \square \rightarrow \mathbf{I}$	$6 \times 9 = \square \rightarrow \mathbf{L}$	
$11 \times 10 = \square \rightarrow \mathbf{H}$	$8 \times 7 = \square \rightarrow \mathbf{R}$	$7 \times 4 = \square \rightarrow \mathbf{O}$	
$2 \times 3 = \square \rightarrow \mathbf{M}$	$6 \times 10 = \square \rightarrow \mathbf{N}$	$2 \times 7 = \square \rightarrow \mathbf{T}$	$8 \times 8 = \square \rightarrow \mathbf{E}$
$12 \times 9 = \square \rightarrow \mathbf{S}$	$11 \times 8 = \square \rightarrow \mathbf{P}$	$5 \times 10 = \square \rightarrow \mathbf{U}$	

Scratch space:

CLUE 4 Rounding

The target tracker is glitching due to the storm. It can only display the players distance rounded to the nearest ten meters. Calculate the rounded distance to unlock this clue.

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

S																	
2000	9000	170	5000	3000	230	1300	4300	110	3000	230	110	1300	230	70	900	230	370

430	1700	1300	3700

Round 1,996 to the nearest thousand → **S**

Round 4,326 to the nearest hundred → **T**

Round 227 to the nearest ten → **N**

Round 70 to the nearest ten → **P**

Round 9,065 to the nearest thousand → **Q**

Round 1,337 to the nearest hundred → **O**

Round 5,025 to the nearest thousand → **A**

Round 920 to the nearest hundred → **I**

Round 107 to the nearest ten → **E**

Round 369 to the nearest ten → **K**

Round 1,675 to the nearest hundred → **L**

Round 3,718 to the nearest hundred → **W**

Round 171 to the nearest ten → **U**

Round 3,223 to the nearest thousand → **D**

Round 429 to the nearest ten → **G**

Scratch space:

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

Our squad needs to divide the remaining ammo evenly between the teammates before the final battle. Divide the ammo total to pinpoint the final suspect.

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:

$18 \div 2 = \boxed{}$

$96 \div 12 = \boxed{}$

$55 \div 11 = \boxed{}$

$3 \div 1 = \boxed{}$

$28 \div 7 = \boxed{}$

$84 \div 7 = \boxed{}$

$88 \div 8 = \boxed{}$

$11 \div 11 = \boxed{}$

$42 \div 7 = \boxed{}$

$8 \div 4 = \boxed{}$

$42 \div 6 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain shot out the camera sensors with a sniper rifle, then patched up their boots with a medkit.
2. The villain bounced over the security lasers with a shockwave bow, then dashed away drinking some slap juice.
3. The villain blasted open the vault with a pump shotgun, then bounced high on a flowberry.
4. The villain blasted open the vault with a pump shotgun, then dashed away drinking some slap juice.
5. The villain shot out the camera sensors with a sniper rifle, then drank a mini shield to face the storm.
6. The villain shot out the camera sensors with a sniper rifle, then dashed away drinking some slap juice.
7. The villain blasted open the vault with a pump shotgun, then drank a mini shield to face the storm.
8. The villain blasted open the vault with a pump shotgun, then healed up with a chug splash.
9. The villain shot out the camera sensors with a sniper rifle, then healed up with a chug splash.
10. The villain blew down the blast doors with a rocket launcher, then patched up their boots with a medkit.
11. The villain shot out the camera sensors with a sniper rifle, then bounced high on a flowberry.
12. The villain blew down the blast doors with a rocket launcher, then bounced high on a flowberry.

Answer Key

The Zero Point Heist

Culprit: Mancake

Rocket Launcher · Medkit · Double Jumping · Neon Pink · Harpoon Pull

Trail: Start 21 → Clue 1 17 → Clue 2 12 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE SUSPECT DOES NOT CARRY FLOWBERRIES"

$4036 + 5042 = 9078$ (T) · $1309 + 1804 = 3113$ (N) · $1507 + 1928 = 3435$ (D) · $4522 + 4793 = 9315$ (Y) · $1156 + 2370 = 3526$ (P) · $3638 + 3176 = 6814$ (W) · $1860 + 2662 = 4522$ (B) · $846 + 1636 = 2482$ (C) · $1486 + 723 = 2209$ (F) · $1447 + 3218 = 4665$ (H) · $2611 + 3712 = 6323$ (S) · $2310 + 1546 = 3856$ (R) · $3404 + 1798 = 5202$ (L) · $4589 + 5040 = 9629$ (O) · $2763 + 3293 = 6056$ (A) · $3605 + 5850 = 9455$ (E) · $1811 + 2281 = 4092$ (I) · $1023 + 1016 = 2039$ (U)

Clue 2 (Subtraction): "THE CULPRIT LIKES DOUBLE JUMPING"

$10753 - 4672 = 6081$ (T) · $8507 - 4812 = 3695$ (G) · $5526 - 529 = 4997$ (C) · $3970 - 2215 = 1755$ (N) · $9422 - 3002 = 6420$ (K) · $8898 - 632 = 8266$ (J) · $8835 - 671 = 8164$ (M) · $5611 - 2587 = 3024$ (L) · $9267 - 1022 = 8245$ (O) · $4872 - 3240 = 1632$ (H) · $9227 - 2182 = 7045$ (D) · $6953 - 229 = 6724$ (R) · $8063 - 1182 = 6881$ (P) · $10522 - 1775 = 8747$ (S) · $6059 - 789 = 5270$ (E) · $5276 - 3057 = 2219$ (I) · $7669 - 4562 = 3107$ (B) · $5155 - 120 = 5035$ (U)

Clue 3 (Multiplication facts (1-12)): "A HARPOON PULL TRIPS THEM UP"

$3 \times 11 = 33$ (A) · $7 \times 5 = 35$ (I) · $6 \times 9 = 54$ (L) · $11 \times 10 = 110$ (H) · $8 \times 7 = 56$ (R) · $7 \times 4 = 28$ (O) · $2 \times 3 = 6$ (M) · $6 \times 10 = 60$ (N) · $2 \times 7 = 14$ (T) · $8 \times 8 = 64$ (E) · $12 \times 9 = 108$ (S) · $11 \times 8 = 88$ (P) · $5 \times 10 = 50$ (U)

Clue 4 (Rounding): "SQUAD NOTED NEON PINK GLOW"

Round 1,996 to the nearest thousand = 2000 (S) · Round 4,326 to the nearest hundred = 4300 (T) · Round 227 to the nearest ten = 230 (N) · Round 70 to the nearest ten = 70 (P) · Round 9,065 to the nearest thousand = 9000 (Q) · Round 1,337 to the nearest hundred = 1300 (O) · Round 5,025 to the nearest thousand = 5000 (A) · Round 920 to the nearest hundred = 900 (I) · Round 107 to the nearest ten = 110 (E) · Round 369 to the nearest ten = 370 (K) · Round 1,675 to the nearest hundred = 1700 (L) · Round 3,718 to the nearest hundred = 3700 (W) · Round 171 to the nearest ten = 170 (U) · Round 3,223 to the nearest thousand = 3000 (D) · Round 429 to the nearest ten = 430 (G)

Clue 5 (Division facts (1-12)): surviving statement is box 10 → Mancake

$18 \div 2 = 9$ · $96 \div 12 = 8$ · $55 \div 11 = 5$ · $3 \div 1 = 3$ · $28 \div 7 = 4$ · $84 \div 7 = 12$ · $88 \div 8 = 11$ · $11 \div 11 = 1$ · $42 \div 7 = 6$ · $8 \div 4 = 2$ · $42 \div 6 = 7$