



The Bedrock Bandit

Grade 4 math · Place value, Skip counting, Multiplication, Rounding, Division · Reading level grades 3-4

Detective: _____ Date: _____

Someone snuck into the server spawn overnight and built a giant obsidian wall right in front of the community hall! The Head Builder's favorite golden apple chest was locked up with bedrock, and the culprit left a trail of mysterious blocks behind.

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

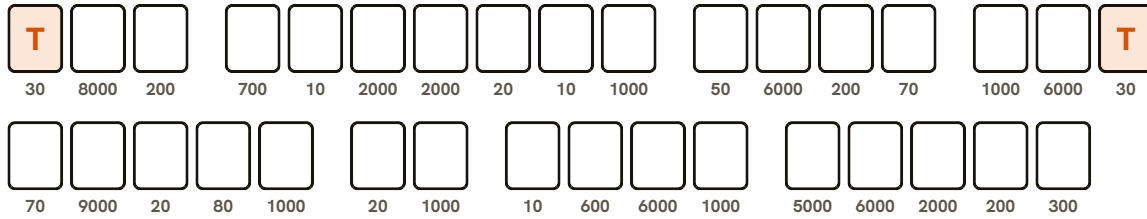
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	SPECIAL GEAR	SPAWNED MOB	ACTIVE HAND	HAIR COLOR	WEAKNESS
Captain	Swiftmess Potion	Iron Golem	Left-handed	Yellow Hair	Lava
Stampy	Swiftmess Potion	Tamed Wolf	Left-handed	Yellow Hair	Lava
Aphmau	Ender Eye	Green Zombie	Left-handed	Blue Hair	Lava
Preston	Elytra Wings	Sizzling Creeper	Left-handed	Yellow Hair	Water
Ssundee	Firework Rocket	Tall Enderman	Left-handed	Yellow Hair	Water
Tommy	Elytra Wings	Iron Golem	Left-handed	Yellow Hair	Lava
Grian	Ender Eye	Sizzling Creeper	Left-handed	Blue Hair	Milk
Mumbo	Elytra Wings	Green Zombie	Left-handed	Yellow Hair	Lava
George	Elytra Wings	Sizzling Creeper	Right-handed	Yellow Hair	Lava
DanTDM	Ender Eye	Green Zombie	Right-handed	Blue Hair	Lava
Sapnap	Ender Eye	Tamed Wolf	Right-handed	Yellow Hair	Lava
Dream	Totem of Undying	Tall Enderman	Right-handed	Blue Hair	Milk
Unspeakable	Ender Eye	Tall Enderman	Left-handed	Yellow Hair	Milk
Brianna	Firework Rocket	Green Zombie	Right-handed	Blue Hair	Water
Seth	Elytra Wings	Sizzling Creeper	Left-handed	Blue Hair	Water
Tubbo	Swiftmess Potion	Green Zombie	Right-handed	Blue Hair	Milk
Steve	Firework Rocket	Tall Enderman	Left-handed	Yellow Hair	Lava
Joel	Elytra Wings	Tall Enderman	Left-handed	Black Hair	Lava
Philza	Swiftmess Potion	Green Zombie	Left-handed	Yellow Hair	Lava
Ranboo	Swiftmess Potion	Tall Enderman	Left-handed	Black Hair	Water
Jerome	Elytra Wings	Tall Enderman	Right-handed	Black Hair	Water

CLUE 1 Place value

We found a double chest filled with block stacks. Let us count the blocks using place value columns to decode the first clue.

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



What is the value of the 3 in 230? → **T**

What is the value of the 2 in 2,638? → **L**

What is the value of the 2 in 5,284? → **E**

What is the value of the 6 in 16,074? → **O**

What is the value of the 2 in 425? → **A**

What is the value of the 1 in 5,313? → **I**

What is the value of the 5 in 6,756? → **D**

What is the value of the 7 in 9,870? → **S**

What is the value of the 3 in 311? → **M**

What is the value of the 8 in 48,519? → **H**

What is the value of the 1 in 1,445? → **N**

What is the value of the 9 in 19,588? → **P**

What is the value of the 7 in 5,734? → **V**

What is the value of the 5 in 5,146? → **G**

What is the value of the 6 in 9,683? → **R**

What is the value of the 8 in 182? → **W**

Scratch space:

CLUE 2 Skip counting

The griever left footprints on a long row of pressure plates. We must skip count by fives on the plates to reveal the next clue.

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

L															
28	26	90	80	33	18	120	100	26	100	70	55	140	120	16	70
												L	L		
100	18	24	18	16	26	100	80	33	26	55	18	28	28	70	

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

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

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

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

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

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, __, 80, 90 → **S**

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

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, __, 60, 65 → **W**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, __, 130, 140 → **N**

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

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

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



Scratch space:

CLUE 3
Multiplication facts (1-12)

A giant wall of obsidian has rows of blocks. If we multiply the rows by the columns we can unlock the third clue.

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

T																		
77	121	30	7	9	80	80	5	9	12	2	80	30	30	21	15	121	30	12

80	5	7	5	15	5	25	88	40	100	28	30	21

$11 \times 7 =$

→ **T**

$8 \times 11 =$

→ **P**

$1 \times 5 =$

→ **A**

$1 \times 9 =$

→ **I**

$1 \times 7 =$

→ **V**

$10 \times 10 =$

→ **U**

$5 \times 6 =$

→ **E**

$5 \times 8 =$

→ **O**

$7 \times 3 =$

→ **D**

$5 \times 3 =$

→ **W**

$1 \times 2 =$

→ **F**

$7 \times 4 =$

→ **R**

$1 \times 12 =$

→ **N**

$11 \times 11 =$

→ **H**

$10 \times 8 =$

→ **L**

$5 \times 5 =$

→ **S**

Scratch space:

CLUE 4 Rounding

Our coordinates machine is damaged and only shows rounded numbers. Round these numbers to the nearest ten to find the fourth clue.

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

Y																	
170	110	130	130	1300	700	2900	1700	3000	20	700	1700	50	2000	1300	30	200	70
200	110	1700	20	90	2900	110	70	1300	1300	20	50						

Round 166 to the nearest ten → **Y**

Round 1,673 to the nearest hundred → **A**

Round 16 to the nearest ten → **R**

Round 1,333 to the nearest hundred → **O**

Round 72 to the nearest ten → **D**

Round 49 to the nearest ten → **S**

Round 111 to the nearest ten → **E**

Round 171 to the nearest hundred → **N**

Round 2,655 to the nearest thousand → **I**

Round 32 to the nearest ten → **U**

Round 2,947 to the nearest hundred → **H**

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

Round 2,307 to the nearest thousand → **F**

Round 90 to the nearest ten → **T**

Round 133 to the nearest ten → **L**

Scratch space:

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

We must divide our cooked mutton evenly among the hungry wolves. Share them to solve 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:

$24 \div 12 = \square$

$24 \div 3 = \square$

$66 \div 11 = \square$

$40 \div 4 = \square$

$121 \div 11 = \square$

$36 \div 4 = \square$

$144 \div 12 = \square$

$40 \div 8 = \square$

$63 \div 9 = \square$

$10 \div 10 = \square$

$24 \div 8 = \square$

Step 2 - cross out the sentence with each answer:

1. The villain swung a pickaxe, then hid behind a tree.
2. The villain opened a chest, then climbed up a tall tower.
3. The villain threw a potion, then ran into the dark woods.
4. The villain opened a chest, then hid behind a tree.
5. The villain threw a potion, then climbed up a tall tower.
6. The villain placed a block, then climbed up a tall tower.
7. The villain opened a chest, then escaped through a portal.
8. The villain crafted a bed, then ran into the dark woods.
9. The villain crafted a bed, then hid behind a tree.
10. The villain crafted a bed, then climbed up a tall tower.
11. The villain crafted a bed, then escaped through a portal.
12. The villain threw a potion, then hid behind a tree.

Answer Key

The Bedrock Bandit

Culprit: Stampy

Swiftness Potion · Tamed Wolf · Left-handed · Yellow Hair · Lava

Trail: Start 21 → Clue 1 19 → Clue 2 12 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Place value): "THE VILLAIN DOES NOT SPAWN AN IRON GOLEM"

What is the value of the 3 in 230? = 30 (T) · What is the value of the 2 in 2,638? = 2000 (L) · What is the value of the 2 in 5,284? = 200 (E) · What is the value of the 6 in 16,074? = 6000 (O) · What is the value of the 2 in 425? = 20 (A) · What is the value of the 1 in 5,313? = 10 (I) · What is the value of the 5 in 6,756? = 50 (D) · What is the value of the 7 in 9,870? = 70 (S) · What is the value of the 3 in 311? = 300 (M) · What is the value of the 8 in 48,519? = 8000 (H) · What is the value of the 1 in 1,445? = 1000 (N) · What is the value of the 9 in 19,588? = 9000 (P) · What is the value of the 7 in 5,734? = 700 (V) · What is the value of the 5 in 5,146? = 5000 (G) · What is the value of the 6 in 9,683? = 600 (R) · What is the value of the 8 in 182? = 80 (W)

Clue 2 (Skip counting): "LEFT HANDED SWINGS DAMAGED THE WALLS"

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

Clue 3 (Multiplication facts (1-12)): "THE VILLAIN FLEED WHEN LAVA WAS POURED"

$11 \times 7 = 77$ (T) · $8 \times 11 = 88$ (P) · $1 \times 5 = 5$ (A) · $1 \times 9 = 9$ (I) · $1 \times 7 = 7$ (V) · $10 \times 10 = 100$ (U) · $5 \times 6 = 30$ (E) · $5 \times 8 = 40$ (O) · $7 \times 3 = 21$ (D) · $5 \times 3 = 15$ (W) · $1 \times 2 = 2$ (F) · $7 \times 4 = 28$ (R) · $1 \times 12 = 12$ (N) · $11 \times 11 = 121$ (H) · $10 \times 8 = 80$ (L) · $5 \times 5 = 25$ (S)

Clue 4 (Rounding): "YELLOW HAIR WAS FOUND NEAR THE DOORS"

Round 166 to the nearest ten = 170 (Y) · Round 1,673 to the nearest hundred = 1700 (A) · Round 16 to the nearest ten = 20 (R) · Round 1,333 to the nearest hundred = 1300 (O) · Round 72 to the nearest ten = 70 (D) · Round 49 to the nearest ten = 50 (S) · Round 111 to the nearest ten = 110 (E) · Round 171 to the nearest hundred = 200 (N) · Round 2,655 to the nearest thousand = 3000 (I) · Round 32 to the nearest ten = 30 (U) · Round 2,947 to the nearest hundred = 2900 (H) · Round 705 to the nearest hundred = 700 (W) · Round 2,307 to the nearest thousand = 2000 (F) · Round 90 to the nearest ten = 90 (T) · Round 133 to the nearest ten = 130 (L)

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

$24 \div 12 = 2$ · $24 \div 3 = 8$ · $66 \div 11 = 6$ · $40 \div 4 = 10$ · $121 \div 11 = 11$ · $36 \div 4 = 9$ · $144 \div 12 = 12$ · $40 \div 8 = 5$ · $63 \div 9 = 7$ · $10 \div 10 = 1$ · $24 \div 8 = 3$