



The Griefer of Craftsville

Grade 1 math · Addition, Subtraction, Skip counting, Place value, Missing addends · Reading level grades 1-2

Detective: _____ Date: _____

A sneaky Griefer broke into the server and took the Chief Builder's legendary Golden Apple! We must find out who did it before they log off.

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	MAIN TOOL	PLACED BLOCK	HANDEDNESS	HELMET COLOR	SCARED BY
Jerome	Bow and Arrow	Glowstone Block	Uses right hand	Red Helmet	Milk Bucket
Puffy	Diamond Pickaxe	Glowstone Block	Uses right hand	Blue Helmet	Water Bucket
Alex	Iron Sword	TNT Block	Uses right hand	Green Helmet	Milk Bucket
Tubbo	Diamond Pickaxe	Glowstone Block	Uses left hand	Blue Helmet	Milk Bucket
Sapnap	Diamond Pickaxe	Slime Block	Uses right hand	Green Helmet	Water Bucket
Skeppy	Netherite Axe	TNT Block	Uses right hand	Blue Helmet	Water Bucket
Mumbo	Netherite Axe	Redstone Lamp	Uses right hand	Blue Helmet	Water Bucket
Ranboo	Golden Shovel	Obsidian Block	Uses right hand	Red Helmet	Water Bucket
DanTDM	Golden Shovel	Obsidian Block	Uses right hand	Blue Helmet	Milk Bucket
Grian	Bow and Arrow	Redstone Lamp	Uses left hand	Blue Helmet	Milk Bucket
Jess	Netherite Axe	TNT Block	Uses left hand	Green Helmet	Milk Bucket
Lizzie	Diamond Pickaxe	Obsidian Block	Uses right hand	Red Helmet	Lava Bucket
Dream	Bow and Arrow	Slime Block	Uses right hand	Blue Helmet	Water Bucket
Aphmau	Diamond Pickaxe	Slime Block	Uses right hand	Red Helmet	Milk Bucket
Stampy	Iron Sword	Redstone Lamp	Uses right hand	Green Helmet	Lava Bucket
Techno	Iron Sword	Glowstone Block	Uses right hand	Blue Helmet	Milk Bucket
George	Bow and Arrow	Slime Block	Uses left hand	Blue Helmet	Water Bucket
Corey	Golden Shovel	Redstone Lamp	Uses right hand	Blue Helmet	Milk Bucket
Sammy	Netherite Axe	Redstone Lamp	Uses left hand	Green Helmet	Water Bucket
Preston	Netherite Axe	Slime Block	Uses right hand	Blue Helmet	Water Bucket
Tommy	Golden Shovel	Slime Block	Uses left hand	Blue Helmet	Water Bucket

CLUE 1 Addition

Alex counts the torches in the first room and adds the torches in the next room. The total number shows us a hint on the sign!

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

T																T
12	8	18	13	7	20	18	14	18	7	15	2	18	3	19	2	12

					T										
17	3	18	7	18	15	3	12	2	19	18	9	11	5	16	3

$8 + 4 = \square \rightarrow$ T	$11 + 8 = \square \rightarrow$ N	$5 + 4 = \square \rightarrow$ L	
$8 + 12 = \square \rightarrow$ I	$1 + 1 = \square \rightarrow$ O	$4 + 9 = \square \rightarrow$ G	$4 + 1 = \square \rightarrow$ M
$7 + 7 = \square \rightarrow$ F	$8 + 9 = \square \rightarrow$ U	$4 + 7 = \square \rightarrow$ A	$3 + 4 = \square \rightarrow$ R
$10 + 8 = \square \rightarrow$ E	$4 + 4 = \square \rightarrow$ H	$6 + 9 = \square \rightarrow$ D	
$10 + 6 = \square \rightarrow$ P	$1 + 2 = \square \rightarrow$ S		

Scratch space:

Subtraction

Steve had a full stack of bread but some zombies ate a few. We subtract the eaten bread to find the secret code!

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

Diagram illustrating the arrangement of boxes and numbers:

Row 1: [T, 18, 13, 9] [8, 4, 12, 12, 16, 4, 3] [1, 2, 4, 3, 11, 1] [2, 4, T, 18, 13]

Row 2: [T, 18, 13, 9] [5, 4, 11, 13, T, 18] [13, 16, 3, 6]

20 - 2 = → **T**

$9 - 4 = \boxed{} \rightarrow \boxed{\text{R}}$

$9 - 8 = \square \rightarrow \mathbf{S}$

$20 - 7 = \boxed{} \rightarrow \boxed{\text{H}}$

$11 - 7 = \boxed{} \rightarrow \boxed{1}$

$9 - 7 = \square \rightarrow \boxed{\mathbf{W}}$

$13 - 7 = \square \rightarrow \boxed{\text{D}}$

$20 - 4 = \boxed{} \rightarrow \boxed{\mathbf{A}}$

$$4 - 1 = \boxed{} \rightarrow \boxed{\text{N}}$$

$19 - 7 = \square \rightarrow \boxed{\text{L}}$

$10 - 1 = \square \rightarrow \boxed{\text{E}}$

$$9 - 1 = \boxed{} \rightarrow \boxed{\mathbf{V}}$$

15 - 4 = → **G**

Scratch space:

CLUE 3 Skip counting

We find rows of melons growing in the garden. We count them by fives to unlock the clue on the chest!

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

S				S													
16	25	30	100	16	45	42	100	130	40	55	130	10	16	130	10	25	

			S								
130	45	24	16	35	55	24	40	80	40	55	

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, __, 30, 35 → **P**

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

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

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

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, __, 40, 45 → **G**

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, __, 35, 40 → **L**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, __, 45, 48 → **W**

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

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

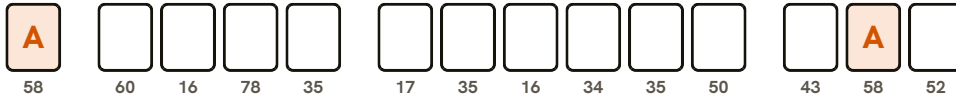
Skip-count by 2s. Fill the blank: 2, 4, 6, 8, __, 12, 14 → **O**

Scratch space:

CLUE 4
Place value

A helper stacks iron blocks into groups of ten. Counting the tens and ones reveals a hidden message in the chat!

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



What number has 5 tens and 8 ones? → **A**

What number has 6 tens and 0 ones? → **B**

What number has 1 ten and 8 ones? → **P**

What number has 3 tens and 4 ones? → **M**

What number has 5 tens and 0 ones? → **T**

What number has 1 ten and 6 ones? → **L**

What number has 3 tens and 5 ones? → **E**

What number has 5 tens and 2 ones? → **S**

What number has 1 ten and 7 ones? → **H**

What number has 8 tens and 5 ones? → **I**

What number has 4 tens and 6 ones? → **D**

What number has 3 tens and 6 ones? → **N**

What number has 5 tens and 5 ones? → **R**

What number has 4 tens and 3 ones? → **W**

What number has 7 tens and 4 ones? → **O**

What number has 7 tens and 8 ones? → **U**

Scratch space:

CLUE 5**Missing addends - the last clue**

The crafter needs twelve cobblestone blocks but only has eight. Finding how many more we need gives us the final secret!

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:

$10 + \underline{\quad} = 14$

$6 + \underline{\quad} = 18$

$10 + \underline{\quad} = 12$

$3 + \underline{\quad} = 12$

$3 + \underline{\quad} = 8$

$4 + \underline{\quad} = 5$

$7 + \underline{\quad} = 14$

$1 + \underline{\quad} = 4$

$7 + \underline{\quad} = 13$

$4 + \underline{\quad} = 14$

$7 + \underline{\quad} = 15$

Step 2 - cross out the sentence with each answer:

1. The villain digs a big hole with a golden shovel, then sets off a loud tnt block.
2. The villain shoots a target block with a bow and arrow, then jumps over the wall using a slime block.
3. The villain digs a big hole with a golden shovel, then powers up a redstone lamp.
4. The villain chops down the door with a netherite axe, then jumps over the wall using a slime block.
5. The villain breaks the chest with an iron sword, then powers up a redstone lamp.
6. The villain digs up the floor with a diamond pickaxe, then sets off a loud tnt block.
7. The villain shoots a target block with a bow and arrow, then lights up the room with a glowstone block.
8. The villain digs a big hole with a golden shovel, then lights up the room with a glowstone block.
9. The villain breaks the chest with an iron sword, then jumps over the wall using a slime block.
10. The villain breaks the chest with an iron sword, then sets off a loud tnt block.
11. The villain chops down the door with a netherite axe, then sets off a loud tnt block.
12. The villain digs up the floor with a diamond pickaxe, then lights up the room with a glowstone block.

Answer Key

The Griever of Craftsville

Culprit: Skeppy

Netherite Axe · TNT Block · Uses right hand · Blue Helmet · Water Bucket

Trail: Start 21 → Clue 1 16 → Clue 2 12 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE GRIEFER DOES NOT USE REDSTONE LAMPS"

$8 + 4 = 12$ (T) · $11 + 8 = 19$ (N) · $5 + 4 = 9$ (L) · $8 + 12 = 20$ (I) · $1 + 1 = 2$ (O) · $4 + 9 = 13$ (G) · $4 + 1 = 5$ (M) · $7 + 7 = 14$ (F) · $8 + 9 = 17$ (U) · $4 + 7 = 11$ (A) · $3 + 4 = 7$ (R) · $10 + 8 = 18$ (E) · $4 + 4 = 8$ (H) · $6 + 9 = 15$ (D) · $10 + 6 = 16$ (P) · $1 + 2 = 3$ (S)

Clue 2 (Subtraction): "THE VILLAIN SWINGS WITH THE RIGHT HAND"

$20 - 2 = 18$ (T) · $9 - 4 = 5$ (R) · $9 - 8 = 1$ (S) · $20 - 7 = 13$ (H) · $11 - 7 = 4$ (I) · $9 - 7 = 2$ (W) · $13 - 7 = 6$ (D) · $20 - 4 = 16$ (A) · $4 - 1 = 3$ (N) · $19 - 7 = 12$ (L) · $10 - 1 = 9$ (E) · $9 - 1 = 8$ (V) · $15 - 4 = 11$ (G)

Clue 3 (Skip counting): "SPLASH WATER TO STOP THIS GRIEFER"

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, __, 18, 20 = 16 (S) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, __, 30, 35 = 25 (P) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, __, 110, 120 = 100 (A) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, __, 140, 150 = 130 (T) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, __, 50, 55 = 45 (H) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, __, 27, 30 = 24 (I) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, __, 40, 45 = 35 (G) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, __, 90, 100 = 80 (F) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, __, 35, 40 = 30 (L) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, __, 45, 48 = 42 (W) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, __, 60, 65 = 55 (R) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, __, 45, 50 = 40 (E) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, __, 12, 14 = 10 (O)

Clue 4 (Place value): "A BLUE HELMET WAS DROPPED ON THE DIRT"

What number has 5 tens and 8 ones? = 58 (A) · What number has 6 tens and 0 ones? = 60 (B) · What number has 1 ten and 8 ones? = 18 (P) · What number has 3 tens and 4 ones? = 34 (M) · What number has 5 tens and 0 ones? = 50 (T) · What number has 1 ten and 6 ones? = 16 (L) · What number has 3 tens and 5 ones? = 35 (E) · What number has 5 tens and 2 ones? = 52 (S) · What number has 1 ten and 7 ones? = 17 (H) · What number has 8 tens and 5 ones? = 85 (I) · What number has 4 tens and 6 ones? = 46 (D) · What number has 3 tens and 6 ones? = 36 (N) · What number has 5 tens and 5 ones? = 55 (R) · What number has 4 tens and 3 ones? = 43 (W) · What number has 7 tens and 4 ones? = 74 (O) · What number has 7 tens and 8 ones? = 78 (U)

Clue 5 (Missing addends): surviving statement is box 11 → Skeppy

$10 + \underline{\quad} = 14 = 4$ · $6 + \underline{\quad} = 18 = 12$ · $10 + \underline{\quad} = 12 = 2$ · $3 + \underline{\quad} = 12 = 9$ · $3 + \underline{\quad} = 8 = 5$ · $4 + \underline{\quad} = 5 = 1$ · $7 + \underline{\quad} = 14 = 7$ · $1 + \underline{\quad} = 4 = 3$ · $7 + \underline{\quad} = 13 = 6$ · $4 + \underline{\quad} = 14 = 10$ · $7 + \underline{\quad} = 15 = 8$