



The Craftia Block Heist

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

Detective: _____ **Date:** _____

Oh no! The golden bell has been stolen from Craftia! The Ender Thief left blocky footprints in the grass. We must find them!

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 the Ender Thief is _____

Possible suspects

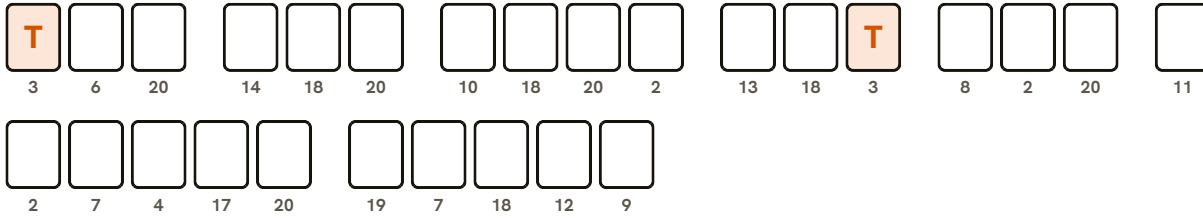
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	TOOL OF CHOICE	SPECIAL BLOCK	HOLDING HAND	HELMET TYPE	FEARED MOB
Grian	netherite pickaxe	tnt block	right handed	iron helmet	ender dragon
Preston	netherite pickaxe	glowstone	left handed	iron helmet	creeper hiss
Aphmau	stone axe	tnt block	left handed	iron helmet	ender dragon
Steve	diamond sword	glowstone	right handed	gold helmet	ender dragon
Stampy	enchanted bow	tnt block	right handed	turtle shell	ender dragon
Sky	golden shovel	tnt block	right handed	turtle shell	ender dragon
Skeppy	diamond sword	glowstone	left handed	iron helmet	ender dragon
Dream	golden shovel	slime block	right handed	gold helmet	ender dragon
Sapnap	golden shovel	glowstone	left handed	turtle shell	angry wolf
Etho	diamond sword	tnt block	left handed	iron helmet	ender dragon
Cookie	enchanted bow	slime block	left handed	turtle shell	creeper hiss
Jen	diamond sword	glowstone	left handed	turtle shell	angry wolf
Lizzie	stone axe	glowstone	left handed	iron helmet	ender dragon
Bacon	stone axe	slime block	left handed	iron helmet	ender dragon
DanTDM	stone axe	obsidian block	right handed	turtle shell	creeper hiss
Sparklez	golden shovel	tnt block	left handed	iron helmet	creeper hiss
AntVenom	golden shovel	obsidian block	left handed	turtle shell	angry wolf
Pixel	enchanted bow	slime block	right handed	gold helmet	creeper hiss
George	diamond sword	redstone ore	left handed	iron helmet	creeper hiss
Joel	enchanted bow	tnt block	right handed	gold helmet	ender dragon
Alex	netherite pickaxe	obsidian block	left handed	turtle shell	ender dragon

CLUE 1 Addition

Let us count the raw iron blocks we found in the mine. Add the two piles together to find the first clue!

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



$2 + 1 = \square \rightarrow \text{T}$

$5 + 1 = \square \rightarrow \text{H}$

$10 + 7 = \square \rightarrow \text{M}$

$10 + 3 = \square \rightarrow \text{N}$

$5 + 5 = \square \rightarrow \text{D}$

$6 + 3 = \square \rightarrow \text{K}$

$6 + 2 = \square \rightarrow \text{U}$

$2 + 2 = \square \rightarrow \text{I}$

$5 + 7 = \square \rightarrow \text{C}$

$1 + 1 = \square \rightarrow \text{S}$

$7 + 12 = \square \rightarrow \text{B}$

$3 + 4 = \square \rightarrow \text{L}$

$6 + 14 = \square \rightarrow \text{E}$

$3 + 8 = \square \rightarrow \text{A}$

$7 + 7 = \square \rightarrow \text{F}$

$8 + 10 = \square \rightarrow \text{O}$

Scratch space:

CLUE 2

Subtraction

We had a stack of redstone, but some fell into the lava. Subtract the lost blocks to read the next clue.

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

W				W											
6	13	10	14	6	3	2	13	11	5	18	18	14	5	7	
	W				W										
10	6	5	7	4	6	5	3	2	3	2	13	5	12	18	13
2	14	7	15												

$15 - 9 = \square \rightarrow \boxed{W}$

$16 - 1 = \square \rightarrow \boxed{D}$

$13 - 5 = \square \rightarrow \boxed{F}$

$12 - 8 = \square \rightarrow \boxed{G}$

$14 - 2 = \square \rightarrow \boxed{R}$

$10 - 8 = \square \rightarrow \boxed{H}$

$8 - 3 = \square \rightarrow \boxed{I}$

$20 - 7 = \square \rightarrow \boxed{E}$

$11 - 8 = \square \rightarrow \boxed{T}$

$20 - 6 = \square \rightarrow \boxed{A}$

$14 - 3 = \square \rightarrow \boxed{V}$

$9 - 2 = \square \rightarrow \boxed{N}$

$15 - 5 = \square \rightarrow \boxed{S}$

$19 - 1 = \square \rightarrow \boxed{L}$

Scratch space:

CLUE 3

Count the emeralds by fives. Each chest has a small stack. Keep skip counting to unlock this clue!

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

Two rows of a number line game. Each row has 18 boxes. The first box of each row is shaded orange and contains a 'T'. Below each box is a number.

Row 1 numbers: 33, 6, 80, 22, 42, 10, 10, 120, 42, 24, 130, 6, 42, 22, 80, 25, 80, 26, 120, 33.

Row 2 numbers: 33, 6, 80, 26, 25, 120, 40, 55, 24, 25, 55, 120, 25.

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, __, 60, 65 → **0**

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

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

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

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

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

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

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

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

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

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

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

Scratch space:

CLUE 4
Place value

We found a secret chest with stacks of ten torches and some extra ones. Look at the place values to open it!

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

W																
86	93	72	65	29	17	66	61	62	56	45	17	78	45	64	65	17
56	93	11	97	93	50	61	50	50	56	93	62	45	50	93		

What number has 8 tens and 6 ones? → **W**

What number has 6 tens and 2 ones? → **S**

What number has 6 tens and 1 one? → **A**

What number has 1 ten and 1 one? → **L**

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

What number has 2 tens and 9 ones? → **U**

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

What number has 9 tens and 7 ones? → **M**

What number has 7 tens and 2 ones? → **F**

What number has 9 tens and 3 ones? → **E**

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

What number has 6 tens and 5 ones? → **O**

What number has 5 tens and 6 ones? → **H**

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

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

What number has 4 tens and 5 ones? → **I**

Scratch space:

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

The village bridge needs ten blocks, but some are missing. Find the missing number to get the last 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:

$1 + \underline{\quad} = 3$

$2 + \underline{\quad} = 3$

$5 + \underline{\quad} = 17$

$9 + \underline{\quad} = 13$

$10 + \underline{\quad} = 21$

$10 + \underline{\quad} = 16$

$3 + \underline{\quad} = 13$

$8 + \underline{\quad} = 15$

$10 + \underline{\quad} = 18$

$6 + \underline{\quad} = 9$

$5 + \underline{\quad} = 10$

Step 2 - cross out the sentence with each answer:

1. The villain digs a deep tunnel, then rides a pink pig.
2. The villain shears a fluffy sheep, then rides a pink pig.
3. The villain shears a fluffy sheep, then eats a sweet berry.
4. The villain mines some shiny ore, then eats a sweet berry.
5. The villain crafts a wooden chest, then rides a pink pig.
6. The villain mines some shiny ore, then tames a wild wolf.
7. The villain digs a deep tunnel, then tames a wild wolf.
8. The villain crafts a wooden chest, then places a torch.
9. The villain digs a deep tunnel, then places a torch.
10. The villain mines some shiny ore, then rides a pink pig.
11. The villain builds a high wall, then brews a swift potion.
12. The villain shears a fluffy sheep, then places a torch.

Answer Key

The Craftia Block Heist

Culprit: Etho

diamond sword · tnt block · left handed · iron helmet · ender dragon

Trail: Start 21 → Clue 1 17 → Clue 2 11 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE FOE DOES NOT USE A SLIME BLOCK"

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

Clue 2 (Subtraction): "WE SAW THE VILLAIN SWING WITH THEIR LEFT HAND"

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

Clue 3 (Skip counting): "THE VILLAIN SHIVERED AT THE DRAGON ROAR"

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, __, 36, 39 = 33 (T) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, __, 60, 65 = 55 (O) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, __, 12, 14 = 10 (L) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, __, 28, 30 = 26 (D) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, __, 140, 150 = 130 (S) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, __, 27, 30 = 24 (N) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, __, 130, 140 = 120 (A) · Skip-count by 2s. Fill the blank: 2, 4, __, 8, 10 = 6 (H) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, __, 45, 50 = 40 (G) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, __, 90, 100 = 80 (E) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, __, 30, 35 = 25 (R) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, __, 24, 26 = 22 (V) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, __, 45, 48 = 42 (I)

Clue 4 (Place value): "WE FOUND A SHINY IRON HELMET AT THE SITE"

What number has 8 tens and 6 ones? = 86 (W) · What number has 6 tens and 2 ones? = 62 (S) · What number has 6 tens and 1 one? = 61 (A) · What number has 1 ten and 1 one? = 11 (L) · What number has 5 tens and 0 ones? = 50 (T) · What number has 2 tens and 9 ones? = 29 (U) · What number has 6 tens and 4 ones? = 64 (R) · What number has 9 tens and 7 ones? = 97 (M) · What number has 7 tens and 2 ones? = 72 (F) · What number has 9 tens and 3 ones? = 93 (E) · What number has 7 tens and 8 ones? = 78 (Y) · What number has 6 tens and 5 ones? = 65 (O) · What number has 5 tens and 6 ones? = 56 (H) · What number has 1 ten and 7 ones? = 17 (N) · What number has 6 tens and 6 ones? = 66 (D) · What number has 4 tens and 5 ones? = 45 (I)

Clue 5 (Missing addends): surviving statement is box 9 → Etho

$1 + \underline{\quad} = 3 = 2$ · $2 + \underline{\quad} = 3 = 1$ · $5 + \underline{\quad} = 17 = 12$ · $9 + \underline{\quad} = 13 = 4$ · $10 + \underline{\quad} = 21 = 11$ · $10 + \underline{\quad} = 16 = 6$ · $3 + \underline{\quad} = 13 = 10$ · $8 + \underline{\quad} = 15 = 7$ · $10 + \underline{\quad} = 18 = 8$ · $6 + \underline{\quad} = 9 = 3$ · $5 + \underline{\quad} = 10 = 5$