

The Coral Court Heist

Grade 2 math · Place value, Addition, Subtraction, Skip counting, Missing addends · Reading level grades 3-4

Detective: _____ Date: _____

The legendary Golden Net has been stolen right off the prismarine hoop! A sneaky Sea-Slammer swam away with it just before the big championship game. Use your math skills and search the arena to help us find the culprit!

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 Sea-Slammer is _____

Possible suspects

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

NAME	DRIBBLING SKILL	MINECRAFT GEAR	PREFERRED HAND	SEAWEED HAIR STYLE	DEFENSE WEAKNESS
Shaq	Coral Cross	Diamond Boots	Shoots left handed	Blue Seaweed Mohawk	Shiny Prismarine Lights
Sandy	Prismarine Pass	Redstone Sneakers	Shoots right handed	Green Kelp Braids	Slippery Mud Blocks
Pearl	Anvil Dunk	Netherite Helmet	Shoots right handed	Blue Seaweed Mohawk	Shiny Prismarine Lights
LeBron	Anvil Dunk	Trident of Power	Shoots right handed	Blue Seaweed Mohawk	Slippery Mud Blocks
Sabrina	Tsunami Shoot	Netherite Helmet	Shoots right handed	Pink Coral Afro	Slippery Mud Blocks
Bubbles	Anvil Dunk	Diamond Boots	Shoots left handed	Pink Coral Afro	Shiny Prismarine Lights
Finley	Coral Cross	Netherite Helmet	Shoots right handed	Blue Seaweed Mohawk	Shiny Prismarine Lights
Waverly	Anvil Dunk	Golden Apple	Shoots right handed	Blue Seaweed Mohawk	Slippery Mud Blocks
Durant	Anvil Dunk	Redstone Sneakers	Shoots right handed	Green Kelp Braids	Shiny Prismarine Lights
Marina	Anvil Dunk	Netherite Helmet	Shoots right handed	Green Kelp Braids	Shiny Prismarine Lights
Steph	Bubble Dribble	Diamond Boots	Shoots right handed	Pink Coral Afro	Shiny Prismarine Lights
Luka	Coral Cross	Trident of Power	Shoots left handed	Blue Seaweed Mohawk	Shiny Prismarine Lights
Tatum	Bubble Dribble	Netherite Helmet	Shoots left handed	Green Kelp Braids	Shiny Prismarine Lights
Caitlin	Tsunami Shoot	Golden Apple	Shoots right handed	Pink Coral Afro	Loud Referee Whistles
Steve	Tsunami Shoot	Netherite Helmet	Shoots left handed	Blue Seaweed Mohawk	Shiny Prismarine Lights
Jordan	Anvil Dunk	Netherite Helmet	Shoots right handed	Green Kelp Braids	Slippery Mud Blocks
Alex	Tsunami Shoot	Trident of Power	Shoots left handed	Pink Coral Afro	Loud Referee Whistles
Splash	Tsunami Shoot	Golden Apple	Shoots left handed	Blue Seaweed Mohawk	Shiny Prismarine Lights
Coral	Bubble Dribble	Diamond Boots	Shoots left handed	Blue Seaweed Mohawk	Shiny Prismarine Lights
Giannis	Bubble Dribble	Diamond Boots	Shoots left handed	Blue Seaweed Mohawk	Slippery Mud Blocks
Angel	Tsunami Shoot	Redstone Sneakers	Shoots left handed	Blue Seaweed Mohawk	Slippery Mud Blocks

CLUE 1 Place value

The scoreboard has scrambled numbers. We must look at the tens and ones place of the ticket count to decode the first clue.

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

T																T
38	88	67	79	25	57	57	21	25	71	22	55	67	82	71	55	38
					T						T					
88	21	79	67	21	38	26	25	22	67	71	38	55	97	94	55	83

What number has 3 tens and 8 ones? → **T**

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

What number has 8 tens and 3 ones? → **W**

What number has 8 tens and 2 ones? → **S**

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

What number has 2 tens and 1 one? → **A**

What number has 6 tens and 7 ones? → **E**

What number has 2 tens and 2 ones? → **D**

What number has 9 tens and 4 ones? → **P**

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

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

What number has 8 tens and 8 ones? → **H**

What number has 7 tens and 1 one? → **N**

What number has 5 tens and 7 ones? → **L**

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

Scratch space:

CLUE 2 Addition

We found discarded sponge blocks near the locker room. Let us add up the sponges in the piles to see which way the thief swam.

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

T 86 60 54	30 71 30	93 54 40	86 30 60	63 63 86	30 51 54	49 86
60 83 42	62 54 62					

$43 + 43 = \square \rightarrow \boxed{\text{T}}$	$30 + 41 = \square \rightarrow \boxed{\text{U}}$	$28 + 12 = \square \rightarrow \boxed{\text{C}}$
$27 + 56 = \square \rightarrow \boxed{\text{A}}$	$30 + 21 = \square \rightarrow \boxed{\text{L}}$	$22 + 20 = \square \rightarrow \boxed{\text{N}}$
$24 + 25 = \square \rightarrow \boxed{\text{F}}$	$10 + 20 = \square \rightarrow \boxed{\text{S}}$	$23 + 40 = \square \rightarrow \boxed{\text{O}}$
$66 + 27 = \square \rightarrow \boxed{\text{P}}$	$34 + 26 = \square \rightarrow \boxed{\text{H}}$	$27 + 27 = \square \rightarrow \boxed{\text{E}}$
$21 + 41 = \square \rightarrow \boxed{\text{D}}$		

Scratch space:

CLUE 3

Subtraction

The referee had a bag of sea-basketballs but some are missing. Subtracting the stolen balls will help us find where they went.

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

T																	
12	78	49	32	43	49	52	49	75	71	21	66	89	49	89	75	32	

									T	
37	78	21	66	32	71	21	77	78	12	37

$41 - 29 = \square \rightarrow \boxed{\text{T}}$

$81 - 6 = \square \rightarrow \boxed{\text{B}}$

$93 - 4 = \square \rightarrow \boxed{\text{D}}$

$64 - 12 = \square \rightarrow \boxed{\text{R}}$

$83 - 40 = \square \rightarrow \boxed{\text{W}}$

$86 - 15 = \square \rightarrow \boxed{\text{L}}$

$59 - 10 = \square \rightarrow \boxed{\text{E}}$

$109 - 32 = \square \rightarrow \boxed{\text{G}}$

$33 - 12 = \square \rightarrow \boxed{\text{I}}$

$73 - 7 = \square \rightarrow \boxed{\text{N}}$

$52 - 15 = \square \rightarrow \boxed{\text{S}}$

$44 - 12 = \square \rightarrow \boxed{\text{Y}}$

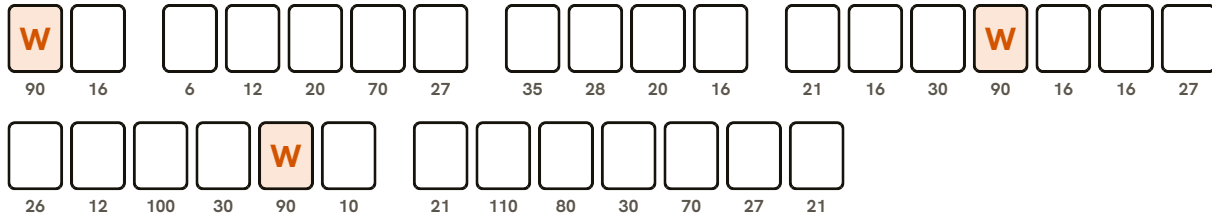
$96 - 18 = \square \rightarrow \boxed{\text{H}}$

Scratch space:

CLUE 4 Skip counting

Prismarine blocks are lined up in groups along the escape tunnel. If we skip count the rows we can map out the suspect path.

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



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

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

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, __, 24, 27 → **S**

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 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, __, 90, 100 → **R**

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

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

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

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

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, __, 14, 16 → **O**

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

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

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

Skip-count by 10s. Fill the blank: 10, 20, __, 40, 50 → **A**

Scratch space:

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

The team needs forty seaweed wraps for energy but they only have some. Finding how many more they need will unlock 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:

$9 + \underline{\quad} = 17$

$10 + \underline{\quad} = 17$

$5 + \underline{\quad} = 8$

$9 + \underline{\quad} = 18$

$7 + \underline{\quad} = 18$

$2 + \underline{\quad} = 6$

$9 + \underline{\quad} = 14$

$2 + \underline{\quad} = 14$

$2 + \underline{\quad} = 12$

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

$9 + \underline{\quad} = 15$

Step 2 - cross out the sentence with each answer:

1. The villain smashed an anvil dunk through the hoop, then dashed away in redstone sneakers.
2. The villain crossed up the defender with coral, then ran off in diamond boots.
3. The villain shot a tsunami ball into the sky, then ate a golden apple.
4. The villain shot a tsunami ball into the sky, then ran off in diamond boots.
5. The villain did a bubble dribble past the guard, then put on a netherite helmet.
6. The villain did a bubble dribble past the guard, then brandished a trident of power.
7. The villain shot a tsunami ball into the sky, then put on a netherite helmet.
8. The villain did a bubble dribble past the guard, then ran off in diamond boots.
9. The villain smashed an anvil dunk through the hoop, then ran off in diamond boots.
10. The villain threw a prismarine pass downcourt, then dashed away in redstone sneakers.
11. The villain smashed an anvil dunk through the hoop, then ate a golden apple.
12. The villain did a bubble dribble past the guard, then ate a golden apple.

Answer Key

The Coral Court Heist

Culprit: Shaq

Coral Cross · Diamond Boots · Shoots left handed · Blue Seaweed Mohawk · Shiny Prismarine Lights

Trail: Start 21 → Clue 1 18 → Clue 2 8 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Place value): "THE VILLAIN DOES NOT HAVE A TRIDENT OF POWER"

What number has 3 tens and 8 ones? = 38 (T) · What number has 2 tens and 6 ones? = 26 (R) · What number has 8 tens and 3 ones? = 83 (W) · What number has 8 tens and 2 ones? = 82 (S) · What number has 9 tens and 7 ones? = 97 (F) · What number has 2 tens and 1 one? = 21 (A) · What number has 6 tens and 7 ones? = 67 (E) · What number has 2 tens and 2 ones? = 22 (D) · What number has 9 tens and 4 ones? = 94 (P) · What number has 2 tens and 5 ones? = 25 (I) · What number has 7 tens and 9 ones? = 79 (V) · What number has 8 tens and 8 ones? = 88 (H) · What number has 7 tens and 1 one? = 71 (N) · What number has 5 tens and 7 ones? = 57 (L) · What number has 5 tens and 5 ones? = 55 (O)

Clue 2 (Addition): "THE SUSPECT SHOOTS LEFT HANDED"

$43 + 43 = 86$ (T) · $30 + 41 = 71$ (U) · $28 + 12 = 40$ (C) · $27 + 56 = 83$ (A) · $30 + 21 = 51$ (L) · $22 + 20 = 42$ (N) · $24 + 25 = 49$ (F) · $10 + 20 = 30$ (S) · $23 + 40 = 63$ (O) · $66 + 27 = 93$ (P) · $34 + 26 = 60$ (H) · $27 + 27 = 54$ (E) · $21 + 41 = 62$ (D)

Clue 3 (Subtraction): "THEY WERE BLINDED BY SHINY LIGHTS"

$41 - 29 = 12$ (T) · $81 - 6 = 75$ (B) · $93 - 4 = 89$ (D) · $64 - 12 = 52$ (R) · $83 - 40 = 43$ (W) · $86 - 15 = 71$ (L) · $59 - 10 = 49$ (E) · $109 - 32 = 77$ (G) · $33 - 12 = 21$ (I) · $73 - 7 = 66$ (N) · $52 - 15 = 37$ (S) · $44 - 12 = 32$ (Y) · $96 - 18 = 78$ (H)

Clue 4 (Skip counting): "WE FOUND BLUE SEAWEED MOHAWK STRANDS"

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

Clue 5 (Missing addends): surviving statement is box 2 → Shaq

$9 + \underline{\quad} = 17 = 8$ · $10 + \underline{\quad} = 17 = 7$ · $5 + \underline{\quad} = 8 = 3$ · $9 + \underline{\quad} = 18 = 9$ · $7 + \underline{\quad} = 18 = 11$ · $2 + \underline{\quad} = 6 = 4$ · $9 + \underline{\quad} = 14 = 5$ · $2 + \underline{\quad} = 14 = 12$ · $2 + \underline{\quad} = 12 = 10$ · $4 + \underline{\quad} = 5 = 1$ · $9 + \underline{\quad} = 15 = 6$