



The Great Shipwreck Shootout

Grade 4 math · Addition, Rounding, Skip counting, Subtraction, Division · Reading level grades 3-4

Detective: _____ **Date:** _____

Ahoy! The golden championship basketball has been stolen right off the deck of the Dunking Galleon! The pirate crew was busy practicing their three-point shots when a mysterious player swiped it and ran. We need to find out who did it before we reach the next island!

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 Dunker is _____

Possible suspects

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

NAME	DEVIL FRUIT ABILITY	LOOT ITEM	SHOOTING HAND	HEAD STYLE	GAME COUNTER
Sanji	Storm Wind Steal	Launch Pad	Left handed dribbler	Blue spike hair	Squeaky sneakers
KD	Fire Slam Dunk	Slurp Juice Flask	Right handed dribbler	Orange bandana	Squeaky sneakers
Shaq	Fire Slam Dunk	Boogie Bomb	Right handed dribbler	Blue spike hair	Wet basketball court
Jonesy	Gum Gum Bounce	Slurp Juice Flask	Right handed dribbler	Straw hat	Wet basketball court
Luffy	Shadow Clone Block	Boogie Bomb	Right handed dribbler	Orange bandana	Squeaky sneakers
Sparkplug	Ice Freeze Slide	Chug Cannon	Right handed dribbler	Orange bandana	Wet basketball court
Skye	Ice Freeze Slide	Chug Cannon	Left handed dribbler	Blue spike hair	Wet basketball court
Ramirez	Fire Slam Dunk	Boogie Bomb	Left handed dribbler	Orange bandana	Squeaky sneakers
LeBron	Gum Gum Bounce	Shockwave Bow	Right handed dribbler	Blue spike hair	Wet basketball court
Fishstick	Shadow Clone Block	Launch Pad	Right handed dribbler	Orange bandana	Loud referee whistle
Peely	Shadow Clone Block	Boogie Bomb	Right handed dribbler	Blue spike hair	Loud referee whistle
Chopper	Shadow Clone Block	Shockwave Bow	Right handed dribbler	Orange bandana	Loud referee whistle
Zoro	Gum Gum Bounce	Launch Pad	Right handed dribbler	Blue spike hair	Wet basketball court
Brutus	Ice Freeze Slide	Shockwave Bow	Right handed dribbler	Blue spike hair	Wet basketball court
MJ	Ice Freeze Slide	Launch Pad	Right handed dribbler	Blue spike hair	Wet basketball court
Usopp	Ice Freeze Slide	Chug Cannon	Left handed dribbler	Orange bandana	Squeaky sneakers
Robin	Gum Gum Bounce	Boogie Bomb	Left handed dribbler	Blue spike hair	Squeaky sneakers
Penny	Shadow Clone Block	Launch Pad	Right handed dribbler	Orange bandana	Wet basketball court
Nami	Gum Gum Bounce	Slurp Juice Flask	Left handed dribbler	Blue spike hair	Squeaky sneakers
Curry	Gum Gum Bounce	Launch Pad	Right handed dribbler	Straw hat	Wet basketball court
Drift	Ice Freeze Slide	Boogie Bomb	Right handed dribbler	Blue spike hair	Wet basketball court

CLUE 1 Addition

We added up all the stolen basketballs and golden coins on the ship deck to find a hidden note.

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

T 6899	5679	3729	T 6899	5679	4087	3729	5095	5816	8017	3729	9287	2172	8017	T 6899	6006	9287	3729	2274	
9144	2274	6006	2172	8489	5679	3048	2274	5816											

$2465 + 4434 = \square \rightarrow \text{T}$	$2262 + 3744 = \square \rightarrow \text{U}$	$2676 + 1411 = \square \rightarrow \text{I}$
$1960 + 3719 = \square \rightarrow \text{H}$	$5227 + 4060 = \square \rightarrow \text{S}$	$3194 + 5950 = \square \rightarrow \text{L}$
$4482 + 3535 = \square \rightarrow \text{O}$	$1763 + 1966 = \square \rightarrow \text{E}$	$1253 + 1021 = \square \rightarrow \text{A}$
$1337 + 835 = \square \rightarrow \text{N}$	$4143 + 4346 = \square \rightarrow \text{C}$	$1645 + 1403 = \square \rightarrow \text{P}$
$2684 + 2411 = \square \rightarrow \text{F}$	$3916 + 1900 = \square \rightarrow \text{D}$	

Scratch space:

CLUE 2 Rounding

The ship storm tracker rounds the distance to the nearest ten meters, helping us spot the thief.

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

T																	
290	130	1100	90	300	30	30	20	300	370	200	5000	300	9000	9000	30	1100	200
		T		T									T				
700	300	290	130	290	130	1100	300	5000	5000	300	50	130	290	130	20	370	200

Round 286 to the nearest ten → **T**

Round 8,628 to the nearest thousand → **B**

Round 1,100 to the nearest hundred → **E**

Round 654 to the nearest hundred → **W**

Round 205 to the nearest hundred → **D**

Round 16 to the nearest ten → **A**

Round 306 to the nearest hundred → **I**

Round 94 to the nearest ten → **V**

Round 28 to the nearest ten → **L**

Round 4,845 to the nearest thousand → **R**

Round 53 to the nearest ten → **G**

Round 369 to the nearest ten → **N**

Round 132 to the nearest ten → **H**

Scratch space:

CLUE 3 Skip counting

We skip counted the wooden building blocks on the hoop court to trace the runner footprints.

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

A				A						A								
26	16	80	15	26	16	110	28	120	50	26	9	60	39	28	100	9	110	60
70	28	12	39	9	16	15	8	80	80	60	33	9	110	60	130	12	80	

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

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

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

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

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, __, 65, 70 → **E**

Skip-count by 3s. Fill the blank: 3, 6, __, 12, 15 → **T**

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

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

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

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

Skip-count by 2s. Fill the blank: 2, 4, 6, __, 10, 12 → **I**

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, 25, 30, 35, 40, 45, 50, 55, 60, 65, __, 75, 80 → **C**

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

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, __, 42, 45 → **R**

Scratch space:

CLUE 4

Subtraction

The thief lost shield points from a trap. We subtracted the damage to see how much health they had left.

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

A																			
2700	8142	1614	5563	8173	3621	7701	4423	2532	2012	8142	3553	5563	1263	3621	1614	2700	5563	6097	

			A				A											
8142	8278	6097	2700	8173	3219	7773	2700	8142	4423	2012	6588	8278	7701	2012	1614	5563	8173	3219

$7691 - 4991 = \square \rightarrow \text{A}$

$2082 - 819 = \square \rightarrow \text{K}$

$11648 - 3475 = \square \rightarrow \text{N}$

$4070 - 449 = \square \rightarrow \text{Y}$

$4493 - 1961 = \square \rightarrow \text{U}$

$11146 - 3004 = \square \rightarrow \text{S}$

$5917 - 3905 = \square \rightarrow \text{E}$

$12473 - 4772 = \square \rightarrow \text{B}$

$9485 - 3922 = \square \rightarrow \text{I}$

$6748 - 160 = \square \rightarrow \text{F}$

$2744 - 1130 = \square \rightarrow \text{H}$

$9749 - 1471 = \square \rightarrow \text{T}$

$8402 - 629 = \square \rightarrow \text{W}$

$3955 - 736 = \square \rightarrow \text{D}$

$7458 - 3905 = \square \rightarrow \text{P}$

$8091 - 3668 = \square \rightarrow \text{L}$

$6106 - 9 = \square \rightarrow \text{R}$

Scratch space:

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

We divided the blue shield potions equally among the pirate squad to get the final clue from the captain.

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:

$8 \div 1 = \boxed{}$

$9 \div 9 = \boxed{}$

$110 \div 10 = \boxed{}$

$20 \div 4 = \boxed{}$

$4 \div 1 = \boxed{}$

$36 \div 3 = \boxed{}$

$84 \div 12 = \boxed{}$

$24 \div 4 = \boxed{}$

$27 \div 3 = \boxed{}$

$20 \div 10 = \boxed{}$

$30 \div 3 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain froze the court floor with ice, then threw a Boogie Bomb to escape.
2. The villain slammed the ball with fire, then escaped using a Launch Pad.
3. The villain froze the court floor with ice, then blasted away with a Shockwave Bow.
4. The villain blocked the hoop with shadows, then blasted away with a Shockwave Bow.
5. The villain froze the court floor with ice, then drank a quick Slurp Juice.
6. The villain stole the ball with wind, then threw a Boogie Bomb to escape.
7. The villain stole the ball with wind, then escaped using a Launch Pad.
8. The villain slammed the ball with fire, then threw a Boogie Bomb to escape.
9. The villain slammed the ball with fire, then drank a quick Slurp Juice.
10. The villain blocked the hoop with shadows, then escaped using a Launch Pad.
11. The villain bounced high using Gum Gum energy, then blasted away with a Shockwave Bow.
12. The villain blocked the hoop with shadows, then threw a Boogie Bomb to escape.

Answer Key

The Great Shipwreck Shootout

Culprit: Brutus

Ice Freeze Slide · Shockwave Bow · Right handed dribbler · Blue spike hair · Wet basketball court

Trail: Start 21 → Clue 1 15 → Clue 2 10 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE THIEF DOES NOT USE A LAUNCH PAD"

$2465 + 4434 = 6899$ (T) · $2262 + 3744 = 6006$ (U) · $2676 + 1411 = 4087$ (I) · $1960 + 3719 = 5679$ (H) · $5227 + 4060 = 9287$ (S) · $3194 + 5950 = 9144$ (L) · $4482 + 3535 = 8017$ (O) · $1763 + 1966 = 3729$ (E) · $1253 + 1021 = 2274$ (A) · $1337 + 835 = 2172$ (N) · $4143 + 4346 = 8489$ (C) · $1645 + 1403 = 3048$ (P) · $2684 + 2411 = 5095$ (F) · $3916 + 1900 = 5816$ (D)

Clue 2 (Rounding): "THE VILLAIN DRIBBLED WITH THEIR RIGHT HAND"

Round 286 to the nearest ten = 290 (T) · Round 8,628 to the nearest thousand = 9000 (B) · Round 1,100 to the nearest hundred = 1100 (E) · Round 654 to the nearest hundred = 700 (W) · Round 205 to the nearest hundred = 200 (D) · Round 16 to the nearest ten = 20 (A) · Round 306 to the nearest hundred = 300 (I) · Round 94 to the nearest ten = 90 (V) · Round 28 to the nearest ten = 30 (L) · Round 4,845 to the nearest thousand = 5000 (R) · Round 53 to the nearest ten = 50 (G) · Round 369 to the nearest ten = 370 (N) · Round 132 to the nearest ten = 130 (H)

Clue 3 (Skip counting): "A SPLASH OF WATER ON THE COURT SLIPPED THEM UP"

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, __, 28, 30 = 26 (A) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, __, 140, 150 = 130 (M) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, __, 14, 16 = 12 (U) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, __, 18, 21 = 15 (L) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, __, 120, 130 = 110 (H) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, __, 65, 70 = 60 (E) · Skip-count by 3s. Fill the blank: 3, 6, __, 12, 15 = 9 (T) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, __, 60, 70 = 50 (W) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, __, 130, 140 = 120 (F) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, __, 36, 39 = 33 (D) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, __, 30, 32 = 28 (O) · Skip-count by 2s. Fill the blank: 2, 4, 6, __, 10, 12 = 8 (I) · 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, 25, 30, 35, 40, 45, 50, 55, 60, 65, __, 75, 80 = 70 (C) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, __, 90, 100 = 80 (P) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, __, 110, 120 = 100 (N) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, __, 42, 45 = 39 (R)

Clue 4 (Subtraction): "A SHINY BLUE SPIKY HAIR STRAND WAS LEFT BEHIND"

$7691 - 4991 = 2700$ (A) · $2082 - 819 = 1263$ (K) · $11648 - 3475 = 8173$ (N) · $4070 - 449 = 3621$ (Y) · $4493 - 1961 = 2532$ (U) · $11146 - 3004 = 8142$ (S) · $5917 - 3905 = 2012$ (E) · $12473 - 4772 = 7701$ (B) · $9485 - 3922 = 5563$ (I) · $6748 - 160 = 6588$ (F) · $2744 - 1130 = 1614$ (H) · $9749 - 1471 = 8278$ (T) · $8402 - 629 = 7773$ (W) · $3955 - 736 = 3219$ (D) · $7458 - 3905 = 3553$ (P) · $8091 - 3668 = 4423$ (L) · $6106 - 9 = 6097$ (R)

Clue 5 (Division facts (1-12)): surviving statement is box 3 → Brutus

$8 \div 1 = 8$ · $9 \div 9 = 1$ · $110 \div 10 = 11$ · $20 \div 4 = 5$ · $4 \div 1 = 4$ · $36 \div 3 = 12$ · $84 \div 12 = 7$ · $24 \div 4 = 6$ · $27 \div 3 = 9$ · $20 \div 10 = 2$ · $30 \div 3 = 10$