



The Great Jungle Caper

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

Detective: _____ Date: _____

Oh no! The Golden Monkey Statue was taken from the Jungle Camp museum. The Chief Curator needs our help to track down the thief before they escape the Deep Jade Jungle!

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 Masked Marauder is _____

Possible suspects

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

NAME	JUNGLE GEAR	GADGET	BELT SIDE	HEADWEAR	FOIL
Hazel	Dirt Bike	Night Vision Goggles	Left side belt	Safari Helmet	Banana Peel Slip
Skipper Bob	Dirt Bike	Camouflage Cloak	Right side belt	Safari Helmet	Banana Peel Slip
Explorer Emma	Vine Swinger	Jetpack Backpack	Right side belt	Explorer Fedora	Banana Peel Slip
Penny Map	Glider Suit	Laser Flashlight	Left side belt	Camo Bandana	Sticky Sap Trap
River Roxy	Grappling Hook	Night Vision Goggles	Right side belt	Camo Bandana	Sticky Sap Trap
Tracker Tom	Vine Swinger	Camouflage Cloak	Left side belt	Camo Bandana	Banana Peel Slip
Captain Kidd	Glider Suit	Camouflage Cloak	Left side belt	Camo Bandana	Sticky Sap Trap
Dr Jane	Glider Suit	Laser Flashlight	Right side belt	Safari Helmet	Sticky Sap Trap
Jungle Joe	Grappling Hook	Laser Flashlight	Right side belt	Safari Helmet	Sticky Sap Trap
Ranger Rick	Grappling Hook	Night Vision Goggles	Right side belt	Explorer Fedora	Banana Peel Slip
Professor Plum	Grappling Hook	Camouflage Cloak	Left side belt	Explorer Fedora	Sticky Sap Trap
Indiana	Glider Suit	Jetpack Backpack	Left side belt	Camo Bandana	Sticky Sap Trap
Maya Finder	Dirt Bike	Smoke Bomb	Right side belt	Camo Bandana	Sticky Sap Trap
Ben Scout	Dirt Bike	Camouflage Cloak	Right side belt	Explorer Fedora	Sticky Sap Trap
Monty	Vine Swinger	Smoke Bomb	Left side belt	Camo Bandana	Giant Net Trap
Daisy	Dirt Bike	Smoke Bomb	Left side belt	Camo Bandana	Sticky Sap Trap
Lara	Dirt Bike	Smoke Bomb	Left side belt	Safari Helmet	Banana Peel Slip
Marion	Grappling Hook	Laser Flashlight	Left side belt	Camo Bandana	Banana Peel Slip
Nathan	Secret Compass	Camouflage Cloak	Left side belt	Explorer Fedora	Sticky Sap Trap
Sully	Grappling Hook	Smoke Bomb	Left side belt	Safari Helmet	Sticky Sap Trap
Brody	Grappling Hook	Laser Flashlight	Left side belt	Camo Bandana	Sticky Sap Trap

CLUE 1 Addition

We need to count how many canteen boxes are in the camp supply tent. Add these crates together to find the sum.

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

T																	T
5226	7622	8270	5329	3738	6968	6968	3805	3738	8463	5216	5807	8270	4100	8463	5807	5226	

							T										
7622	3805	5329	8270	3805	6971	8270	5226	6271	3805	3750	2203	6958	3805	3750	2203	6271	3805

$3142 + 2084 = \boxed{} \rightarrow \boxed{\text{T}}$

$4671 + 3792 = \boxed{} \rightarrow \boxed{\text{N}}$

$2422 + 1678 = \boxed{} \rightarrow \boxed{\text{S}}$

$4222 + 2746 = \boxed{} \rightarrow \boxed{\text{L}}$

$2894 + 5376 = \boxed{} \rightarrow \boxed{\text{E}}$

$4067 + 2204 = \boxed{} \rightarrow \boxed{\text{P}}$

$1957 + 1848 = \boxed{} \rightarrow \boxed{\text{A}}$

$3460 + 4162 = \boxed{} \rightarrow \boxed{\text{H}}$

$1316 + 2434 = \boxed{} \rightarrow \boxed{\text{C}}$

$1084 + 1119 = \boxed{} \rightarrow \boxed{\text{K}}$

$2554 + 4417 = \boxed{} \rightarrow \boxed{\text{J}}$

$3571 + 1758 = \boxed{} \rightarrow \boxed{\text{V}}$

$1939 + 3277 = \boxed{} \rightarrow \boxed{\text{D}}$

$1943 + 1795 = \boxed{} \rightarrow \boxed{\text{I}}$

$3980 + 2978 = \boxed{} \rightarrow \boxed{\text{B}}$

$3226 + 2581 = \boxed{} \rightarrow \boxed{\text{O}}$

Scratch space:

CLUE 2

Subtraction

The camp cook noticed some bananas were stolen. Subtract the leftovers from the starting pile to find how many are gone.

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

T			T															T
7878	7339	8723	7878	7339	7741	8723	6734	3269	8723	2164	6471	6552	2164	3509	8723	6988	7878	

		T					T					
8896	4357	7878	7339	8723	6988	8723	6734	7878	6552	7741	8658	8723

$8661 - 783 = \square \rightarrow \boxed{\text{T}}$

$5612 - 3448 = \square \rightarrow \boxed{\text{A}}$

$9579 - 856 = \square \rightarrow \boxed{\text{E}}$

$7140 - 3631 = \square \rightarrow \boxed{\text{B}}$

$9031 - 4674 = \square \rightarrow \boxed{\text{N}}$

$4990 - 1721 = \square \rightarrow \boxed{\text{W}}$

$8743 - 1404 = \square \rightarrow \boxed{\text{H}}$

$12587 - 4846 = \square \rightarrow \boxed{\text{I}}$

$11921 - 4933 = \square \rightarrow \boxed{\text{L}}$

$10733 - 3999 = \square \rightarrow \boxed{\text{F}}$

$9109 - 2638 = \square \rightarrow \boxed{\text{R}}$

$6677 - 125 = \square \rightarrow \boxed{\text{S}}$

$9268 - 372 = \square \rightarrow \boxed{\text{O}}$

$12506 - 3848 = \square \rightarrow \boxed{\text{D}}$

Scratch space:

CLUE 3 Rounding

Our jungle GPS radar is glitching and can only show rounded distances. Round this number to the nearest ten to see where to search next.

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

S						S									S
430	5000	7000	20	1700	300	430	70	2000	5000	1300	70	2000	7000	430	

											S	S
5000	1100	900	7000	1300	200	900	70	1700	2300	900	430	430

Round 433 to the nearest ten →

S

Round 852 to the nearest hundred →

E

Round 1,266 to the nearest hundred →

R

Round 1,073 to the nearest hundred →

H

Round 4,994 to the nearest thousand →

T

Round 2,267 to the nearest hundred →

N

Round 179 to the nearest hundred →

W

Round 1,701 to the nearest hundred →

K

Round 74 to the nearest ten →

A

Round 308 to the nearest hundred →

Y

Round 6,719 to the nearest thousand →

I

Round 2,011 to the nearest thousand →

P

Round 24 to the nearest ten →

C

Scratch space:

CLUE 4
Multiplication facts (1-12)

We found footprints lined up in equal rows near the river. Multiply the rows by the footprints in each row to see the total.

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

A		A				A			A		A		A						
100	70	100	28	33	40	100	44	16	100	44	100	25	100	84	99	77	6	110	
40	77	22	60	44	16														

$10 \times 10 = \square \rightarrow$ A	$7 \times 10 = \square \rightarrow$ C	$7 \times 4 = \square \rightarrow$ M
$10 \times 4 = \square \rightarrow$ B	$11 \times 7 = \square \rightarrow$ E	$2 \times 11 = \square \rightarrow$ H
$12 \times 5 = \square \rightarrow$ I	$3 \times 2 = \square \rightarrow$ F	$11 \times 3 = \square \rightarrow$ O
$10 \times 11 = \square \rightarrow$ T	$5 \times 5 = \square \rightarrow$ W	$12 \times 7 = \square \rightarrow$ S
$8 \times 2 = \square \rightarrow$ D	$9 \times 11 = \square \rightarrow$ L	$11 \times 4 = \square \rightarrow$ N

Scratch space:

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

We want to share our rope pieces equally among our rescue teams. Divide the total ropes to see how many each team gets.

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:

$14 \div 2 = \boxed{}$

$18 \div 6 = \boxed{}$

$24 \div 2 = \boxed{}$

$99 \div 9 = \boxed{}$

$10 \div 5 = \boxed{}$

$28 \div 7 = \boxed{}$

$25 \div 5 = \boxed{}$

$56 \div 7 = \boxed{}$

$48 \div 8 = \boxed{}$

$11 \div 11 = \boxed{}$

$50 \div 5 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain rides a noisy dirt bike, then activates a shiny camouflage cloak.
2. The villain climbs up a mossy stone wall, then flies off with a jetpack backpack.
3. The villain climbs up a mossy stone wall, then activates a shiny camouflage cloak.
4. The villain glides down from the canopy, then activates a shiny camouflage cloak.
5. The villain swings from a giant jungle vine, then activates a shiny camouflage cloak.
6. The villain swings from a giant jungle vine, then flies off with a jetpack backpack.
7. The villain glides down from the canopy, then uses night vision goggles to see.
8. The villain swings from a giant jungle vine, then throws a thick smoke bomb.
9. The villain swings from a giant jungle vine, then uses night vision goggles to see.
10. The villain uses a secret golden compass, then activates a shiny camouflage cloak.
11. The villain glides down from the canopy, then flies off with a jetpack backpack.
12. The villain glides down from the canopy, then throws a thick smoke bomb.

Answer Key

The Great Jungle Caper

Culprit: Brody

Grappling Hook · Laser Flashlight · Left side belt · Camo Bandana · Sticky Sap Trap

Trail: Start 21 → Clue 1 19 → Clue 2 12 → Clue 3 7 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE VILLAIN DOES NOT HAVE A JETPACK BACKPACK"

$3142 + 2084 = 5226$ (T) · $4671 + 3792 = 8463$ (N) · $2422 + 1678 = 4100$ (S) · $4222 + 2746 = 6968$ (L) · $2894 + 5376 = 8270$ (E) · $4067 + 2204 = 6271$ (P) · $1957 + 1848 = 3805$ (A) · $3460 + 4162 = 7622$ (H) · $1316 + 2434 = 3750$ (C) · $1084 + 1119 = 2203$ (K) · $2554 + 4417 = 6971$ (J) · $3571 + 1758 = 5329$ (V) · $1939 + 3277 = 5216$ (D) · $1943 + 1795 = 3738$ (I) · $3980 + 2978 = 6958$ (B) · $3226 + 2581 = 5807$ (O)

Clue 2 (Subtraction): "THE THIEF WEARS A BELT ON THE LEFT SIDE"

$8661 - 783 = 7878$ (T) · $5612 - 3448 = 2164$ (A) · $9579 - 856 = 8723$ (E) · $7140 - 3631 = 3509$ (B) · $9031 - 4674 = 4357$ (N) · $4990 - 1721 = 3269$ (W) · $8743 - 1404 = 7339$ (H) · $12587 - 4846 = 7741$ (I) · $11921 - 4933 = 6988$ (L) · $10733 - 3999 = 6734$ (F) · $9109 - 2638 = 6471$ (R) · $6677 - 125 = 6552$ (S) · $9268 - 372 = 8896$ (O) · $12506 - 3848 = 8658$ (D)

Clue 3 (Rounding): "STICKY SAP TRAP IS THEIR WEAKNESS"

Round 433 to the nearest ten = 430 (S) · Round 852 to the nearest hundred = 900 (E) · Round 1,266 to the nearest hundred = 1300 (R) · Round 1,073 to the nearest hundred = 1100 (H) · Round 4,994 to the nearest thousand = 5000 (T) · Round 2,267 to the nearest hundred = 2300 (N) · Round 179 to the nearest hundred = 200 (W) · Round 1,701 to the nearest hundred = 1700 (K) · Round 74 to the nearest ten = 70 (A) · Round 308 to the nearest hundred = 300 (Y) · Round 6,719 to the nearest thousand = 7000 (I) · Round 2,011 to the nearest thousand = 2000 (P) · Round 24 to the nearest ten = 20 (C)

Clue 4 (Multiplication facts (1-12)): "A CAMO BANDANA WAS LEFT BEHIND"

$10 \times 10 = 100$ (A) · $7 \times 10 = 70$ (C) · $7 \times 4 = 28$ (M) · $10 \times 4 = 40$ (B) · $11 \times 7 = 77$ (E) · $2 \times 11 = 22$ (H) · $12 \times 5 = 60$ (I) · $3 \times 2 = 6$ (F) · $11 \times 3 = 33$ (O) · $10 \times 11 = 110$ (T) · $5 \times 5 = 25$ (W) · $12 \times 7 = 84$ (S) · $8 \times 2 = 16$ (D) · $9 \times 11 = 99$ (L) · $11 \times 4 = 44$ (N)

Clue 5 (Division facts (1-12)): surviving statement is box 9 → Brody

$14 \div 2 = 7$ · $18 \div 6 = 3$ · $24 \div 2 = 12$ · $99 \div 9 = 11$ · $10 \div 5 = 2$ · $28 \div 7 = 4$ · $25 \div 5 = 5$ · $56 \div 7 = 8$ · $48 \div 8 = 6$ · $11 \div 11 = 1$ · $50 \div 5 = 10$