



Mystery of the Golden Monkey

Grade 1 math · Addition, Subtraction, Skip counting, Place value, Missing addends · Reading level grades 3-4

Detective: _____ **Date:** _____

The Golden Monkey Statue has vanished from the jungle base camp! Only a master explorer could have bypassed our camp security. Join the Junior Explorers as we search the deep jungle, follow the trail of clues, and recover the priceless relic before the robber escapes!

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 ruin robber is _____

Possible suspects

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

NAME	JUNGLE SKILL	POCKET TOOL	HANDEDNESS	GEAR	FEAR
Sierra Snow	grappling hook swinging	metal canteen	right handed tool grip	green headband	dislikes mosquitoes
Marina Wave	grappling hook swinging	leather notepad	left handed tool grip	green headband	scared of spiders
Piper Pine	spyglass scouting	shiny compass	right handed tool grip	explorer cap	hates sticky mud
Lara Finch	thick brush clearing	bright flashlight	right handed tool grip	pith helmet	hates sticky mud
Sally Swift	ancient map reading	shiny compass	right handed tool grip	explorer cap	scared of spiders
Toby Trail	grappling hook swinging	loud whistle	right handed tool grip	pith helmet	dislikes mosquitoes
Ryder Cruz	ancient map reading	loud whistle	left handed tool grip	explorer cap	scared of spiders
Scout Miller	thick brush clearing	bright flashlight	right handed tool grip	explorer cap	dislikes mosquitoes
Chase Sterling	grappling hook swinging	metal canteen	right handed tool grip	explorer cap	hates sticky mud
Bindi Rivers	giant wall climbing	leather notepad	right handed tool grip	pith helmet	dislikes mosquitoes
Rusty Ridge	ancient map reading	metal canteen	right handed tool grip	green headband	scared of spiders
Cliff Mason	spyglass scouting	shiny compass	right handed tool grip	green headband	scared of spiders
Flint Forge	ancient map reading	leather notepad	right handed tool grip	pith helmet	scared of spiders
Daisy Vance	thick brush clearing	bright flashlight	right handed tool grip	pith helmet	dislikes mosquitoes
Kit Campbell	thick brush clearing	leather notepad	left handed tool grip	pith helmet	dislikes mosquitoes
Oakly Green	grappling hook swinging	bright flashlight	right handed tool grip	green headband	scared of spiders
Dallas Dune	thick brush clearing	loud whistle	right handed tool grip	explorer cap	dislikes mosquitoes
Wilder Smith	giant wall climbing	metal canteen	right handed tool grip	pith helmet	dislikes mosquitoes
Leo Stone	grappling hook swinging	metal canteen	left handed tool grip	explorer cap	scared of spiders
Penny Peak	spyglass scouting	loud whistle	right handed tool grip	green headband	scared of spiders
Rex Rock	ancient map reading	shiny compass	right handed tool grip	pith helmet	dislikes mosquitoes

CLUE 1 Addition

To find the first trail marker, we must add up all the heavy supply crates left at our river camp.

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

T										T											
18	13	2	12	3	4	5	14	2	18	13	9	2	6	13	15	8	4	11			

		T						T				
16	2	18	15	14	19	15	4	18	2	2	4	

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

Scratch space:

CLUE 2

Subtraction

A cheeky monkey stole some of our maps along the path, so we have to subtract them to see what is left.

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

T																	
18	17	12	2	8	14	15	16	6	8	4	10	6	9	16	6	13	12

								T	
11	3	6	8	14	2	17	18	3	

$19 - 1 = \square \rightarrow \boxed{\text{T}}$

$17 - 9 = \square \rightarrow \boxed{\text{R}}$

$20 - 8 = \square \rightarrow \boxed{\text{E}}$

$17 - 7 = \square \rightarrow \boxed{\text{W}}$

$19 - 8 = \square \rightarrow \boxed{\text{B}}$

$18 - 4 = \square \rightarrow \boxed{\text{I}}$

$17 - 2 = \square \rightarrow \boxed{\text{P}}$

$10 - 6 = \square \rightarrow \boxed{\text{K}}$

$11 - 2 = \square \rightarrow \boxed{\text{S}}$

$10 - 7 = \square \rightarrow \boxed{\text{Y}}$

$12 - 6 = \square \rightarrow \boxed{\text{A}}$

$19 - 2 = \square \rightarrow \boxed{\text{H}}$

$6 - 4 = \square \rightarrow \boxed{\text{G}}$

$19 - 3 = \square \rightarrow \boxed{\text{M}}$

$18 - 5 = \square \rightarrow \boxed{\text{D}}$

Scratch space:

CLUE 3 Skip counting

We need to climb the temple steps, skip counting the stone slabs by fives to avoid setting off any ancient dart traps.

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

T			T														
110	27	30	110	27	100	30	90	28	140	30	60	70	35	110	140	35	90
12	28	55	140	15	18	14	9										

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

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

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

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

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

Skip-count by 3s. Fill the blank: 3, 6, 9, __, 15, 18 → **B**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, __, 150, 160 → **S**

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

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

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

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

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

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

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

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

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

Scratch space:

CLUE 4 Place value

The dusty decoder lock on the stone chest uses tens and ones to reveal the next clue.

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

W																	
80	93	92	11	23	40	83	81	84	47	38	75	75	93	43	58	93	38

55	38	60	81	84

What number has 8 tens and 0 ones? → **W**

What number has 8 tens and 4 ones? → **P**

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

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

What number has 2 tens and 3 ones? → **U**

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

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

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

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

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

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

What number has 8 tens and 1 one? → **A**

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

What number has 4 tens and 0 ones? → **N**

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

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

Scratch space:

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

We must balance the ancient stone scale by figuring out how many more heavy rocks we need to add to the plate.

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:

$4 + \underline{\quad} = 6$

$9 + \underline{\quad} = 16$

$5 + \underline{\quad} = 6$

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

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

$8 + \underline{\quad} = 16$

$9 + \underline{\quad} = 12$

$3 + \underline{\quad} = 15$

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

$1 + \underline{\quad} = 11$

$8 + \underline{\quad} = 12$

Step 2 - cross out the sentence with each answer:

1. The villain slashed through the thick ferns, then lit up the dark tunnel.
2. The villain climbed up the giant mossy wall, then jotted down a quick clue.
3. The villain climbed up the giant mossy wall, then blew a loud warning signal.
4. The villain spotted the route from a high tree, then took a drink of cool river water.
5. The villain swung across the wide ravine, then jotted down a quick clue.
6. The villain decoded the ancient stone door, then checked the direction north.
7. The villain swung across the wide ravine, then blew a loud warning signal.
8. The villain decoded the ancient stone door, then blew a loud warning signal.
9. The villain swung across the wide ravine, then took a drink of cool river water.
10. The villain swung across the wide ravine, then checked the direction north.
11. The villain slashed through the thick ferns, then checked the direction north.
12. The villain spotted the route from a high tree, then blew a loud warning signal.

Answer Key

Mystery of the Golden Monkey

Culprit: Rex Rock

ancient map reading · shiny compass · right handed tool grip · pith helmet · dislikes mosquitoes

Trail: Start 21 → Clue 1 16 → Clue 2 13 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE JUNGLE THIEF HAS NO METAL CANTEEN"

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

Clue 2 (Subtraction): "THE GRIP MARK WAS MADE BY A RIGHTY"

$19 - 1 = 18$ (T) · $17 - 9 = 8$ (R) · $20 - 8 = 12$ (E) · $17 - 7 = 10$ (W) · $19 - 8 = 11$ (B) · $18 - 4 = 14$ (I) · $17 - 2 = 15$ (P) · $10 - 6 = 4$ (K) · $11 - 2 = 9$ (S) · $10 - 7 = 3$ (Y) · $12 - 6 = 6$ (A) · $19 - 2 = 17$ (H) · $6 - 4 = 2$ (G) · $19 - 3 = 16$ (M) · $18 - 5 = 13$ (D)

Clue 3 (Skip counting): "THE THIEF USED LOTS OF BUG SPRAY"

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, __, 120, 130 = 110 (T) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, __, 18, 21 = 15 (P) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, __, 16, 18 = 14 (A) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, __, 21, 24 = 18 (R) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, __, 110, 120 = 100 (I) · Skip-count by 3s. Fill the blank: 3, 6, 9, __, 15, 18 = 12 (B) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, __, 150, 160 = 140 (S) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, __, 100, 110 = 90 (F) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, __, 30, 33 = 27 (H) · Skip-count by 3s. Fill the blank: 3, 6, __, 12, 15 = 9 (Y) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, __, 80, 90 = 70 (L) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, __, 40, 45 = 35 (O) · Skip-count by 10s. Fill the blank: 10, 20, __, 40, 50 = 30 (E) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, __, 60, 65 = 55 (G) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, __, 65, 70 = 60 (D) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, __, 30, 32 = 28 (U)

Clue 4 (Place value): "WE FOUND A PITH HELMET STRAP"

What number has 8 tens and 0 ones? = 80 (W) · What number has 8 tens and 4 ones? = 84 (P) · What number has 8 tens and 3 ones? = 83 (D) · What number has 5 tens and 8 ones? = 58 (M) · What number has 2 tens and 3 ones? = 23 (U) · What number has 9 tens and 2 ones? = 92 (F) · What number has 6 tens and 0 ones? = 60 (R) · What number has 4 tens and 7 ones? = 47 (I) · What number has 9 tens and 3 ones? = 93 (E) · What number has 1 ten and 1 one? = 11 (O) · What number has 4 tens and 3 ones? = 43 (L) · What number has 8 tens and 1 one? = 81 (A) · What number has 3 tens and 8 ones? = 38 (T) · What number has 4 tens and 0 ones? = 40 (N) · What number has 7 tens and 5 ones? = 75 (H) · What number has 5 tens and 5 ones? = 55 (S)

Clue 5 (Missing addends): surviving statement is box 6 → Rex Rock

$4 + \underline{\quad} = 6 = 2$ · $9 + \underline{\quad} = 16 = 7$ · $5 + \underline{\quad} = 6 = 1$ · $7 + \underline{\quad} = 18 = 11$ · $9 + \underline{\quad} = 14 = 5$ · $8 + \underline{\quad} = 16 = 8$ · $9 + \underline{\quad} = 12 = 3$ · $3 + \underline{\quad} = 15 = 12$ · $3 + \underline{\quad} = 12 = 9$ · $1 + \underline{\quad} = 11 = 10$ · $8 + \underline{\quad} = 12 = 4$