



The Case of the Golden Monkey Statue

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

Detective: _____ Date: _____

The Whispering Jungle Ruins are full of secrets. But last night, someone sneaked into the Temple of Vines! They snatched the legendary Golden Monkey Statue. The Head Archeologist needs your help. Look for clues, track down the sneaky scavenger, and save the treasure!

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 Sneaky Scavenger is _____

Possible suspects

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

NAME	PRIMARY TOOL	SURVIVAL GEAR	DOMINANT HAND	HAIR COLOR	SECRET FEAR
Penny Gadget	spyglass	canteen	right handed	red hair	scared of snakes
Alan Grant	spyglass	walkie talkie	right handed	brown hair	scared of heights
Maya Lin	decoder ring	compass	right handed	blonde hair	scared of heights
Diego Marquez	machete	headlamp	right handed	red hair	scared of snakes
Jack Hunter	grappling hook	headlamp	right handed	brown hair	scared of snakes
Indy Jones	slingshot	canteen	left handed	red hair	scared of spiders
Johnny Quest	grappling hook	binoculars	right handed	red hair	scared of snakes
Sam Temple	decoder ring	binoculars	left handed	red hair	scared of snakes
Zack Martin	grappling hook	binoculars	left handed	blonde hair	scared of heights
Ellie Sattler	slingshot	canteen	left handed	blonde hair	scared of heights
Kida Nedakh	slingshot	binoculars	right handed	blonde hair	scared of snakes
Ben Gates	slingshot	canteen	right handed	blonde hair	scared of snakes
Carmen Sandiego	decoder ring	walkie talkie	right handed	red hair	scared of heights
Lara Croft	slingshot	walkie talkie	right handed	red hair	scared of snakes
Tarzan Clayton	grappling hook	headlamp	right handed	blonde hair	scared of snakes
Milo Thatch	slingshot	compass	left handed	blonde hair	scared of snakes
Flynn Carson	grappling hook	walkie talkie	right handed	blonde hair	scared of snakes
Evelyn Carnahan	decoder ring	canteen	right handed	blonde hair	scared of spiders
Sydney Fox	machete	compass	right handed	red hair	scared of heights
Cody Martin	slingshot	walkie talkie	right handed	brown hair	scared of heights
Leo Alvarez	grappling hook	binoculars	right handed	blonde hair	scared of snakes

CLUE 1

Multiplication facts (1-12)

We found the rival camp. They packed their heavy crates in neat rows. Multiply the rows of crates to find how many supplies they brought.

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

T			T											T					
72	27	36	72	27	80	36	84	21	8	36	108	18	8	72	27	42	110	36	
								T											
42	30	42	7	132	80	36	72	42	7	132	80	36							

$8 \times 9 = \square \rightarrow \boxed{\text{T}}$

$12 \times 11 = \square \rightarrow \boxed{\text{K}}$

$1 \times 8 = \square \rightarrow \boxed{\text{O}}$

$7 \times 3 = \square \rightarrow \boxed{\text{D}}$

$9 \times 3 = \square \rightarrow \boxed{\text{H}}$

$9 \times 2 = \square \rightarrow \boxed{\text{N}}$

$4 \times 9 = \square \rightarrow \boxed{\text{E}}$

$7 \times 12 = \square \rightarrow \boxed{\text{F}}$

$6 \times 7 = \square \rightarrow \boxed{\text{A}}$

$11 \times 10 = \square \rightarrow \boxed{\text{V}}$

$3 \times 10 = \square \rightarrow \boxed{\text{W}}$

$10 \times 8 = \square \rightarrow \boxed{\text{I}}$

$9 \times 12 = \square \rightarrow \boxed{\text{S}}$

$7 \times 1 = \square \rightarrow \boxed{\text{L}}$

Scratch space:

CLUE 2

Word problems

An old journal has some word problems written by the ancient builders. Solve the word problems to open the stone door.

Solve each problem, then write its letter in the boxes to fill in the missing word.

A witness saw the villain was R D E D .

59 51 46 6 16 6 70 57

There were 81 compasses. 22 were used up. How many compasses are left?

Answer: → R

Professor Pete lined up 8 rows of 2 compasses. How many compasses in all?

Answer: → T

Professor Pete found 3 climbing ropes yesterday and 3 more today. How many climbing ropes in all?

Answer: → H

Professor Pete lined up 10 rows of 7 climbing ropes. How many climbing ropes in all?

Answer: → A

There were 76 banana snacks. 30 were used up. How many banana snacks are left?

Answer: → G

Professor Pete found 28 climbing ropes yesterday and 23 more today. How many climbing ropes in all?

Answer: → I

Professor Pete found 3 banana snacks yesterday and 54 more today. How many banana snacks in all?

Answer: → N

Scratch space:

CLUE 3

Our radar screen is old and rusty. It only shows distances rounded to the nearest ten. Round the numbers to find the path.

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

4000 700 300 4000 700 9000 300 800 20 700 9000 900 300 2000 300 8000 6000 4000 6000

700 6000 2000 60 80 300 20 20 20 500 6000 90 300

Round 4,143 to the nearest thousand $\rightarrow$ **T**

Round 94 to the nearest ten $\rightarrow$ **K**

Round 505 to the nearest hundred → **N**

Round 60 to the nearest ten $\rightarrow$ **M**

Round 24 to the nearest ten $\rightarrow$ **S**

Round 830 to the nearest hundred → **F**

Round 5,940 to the nearest thousand → **A**

Round 8,496 to the nearest thousand → **D**

Round 76 to the nearest ten $\rightarrow$ **L**

Round 8,765 to the nearest thousand $\rightarrow$

Round 718 to the nearest hundred $\rightarrow$ **H**

Round 921 to the nearest hundred $\rightarrow$ **V**

Round 2,355 to the nearest thousand → **R**

Round 270 to the nearest hundred $\rightarrow$ **E**

Scratch space:

CLUE 4 Addition

We must count all the gold coins left behind on the jungle floor. Add them up to see how much loot was dropped.

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

A								A				A						
342	969	468	921	803	764	230	640	342	553	390	620	342	781	781	278	907	634	955

						A	
278	921	278	640	230	397	342	528

$200 + 142 = \square \rightarrow \text{A}$	$426 + 208 = \square \rightarrow \text{C}$	$156 + 74 = \square \rightarrow \text{E}$
$470 + 333 = \square \rightarrow \text{N}$	$561 + 360 = \square \rightarrow \text{O}$	$542 + 239 = \square \rightarrow \text{S}$
$286 + 182 = \square \rightarrow \text{L}$	$305 + 602 = \square \rightarrow \text{U}$	$436 + 204 = \square \rightarrow \text{H}$
$228 + 392 = \square \rightarrow \text{W}$	$197 + 200 = \square \rightarrow \text{M}$	$151 + 127 = \square \rightarrow \text{T}$
$198 + 330 = \square \rightarrow \text{P}$	$480 + 475 = \square \rightarrow \text{K}$	$117 + 273 = \square \rightarrow \text{R}$
$282 + 271 = \square \rightarrow \text{I}$	$293 + 676 = \square \rightarrow \text{B}$	$409 + 355 = \square \rightarrow \text{D}$

Scratch space:

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

We need to share our water bottles equally among our rescue team. Divide the bottles to keep everyone hydrated.

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:

$72 \div 8 = \boxed{}$

$36 \div 6 = \boxed{}$

$7 \div 1 = \boxed{}$

$24 \div 2 = \boxed{}$

$12 \div 4 = \boxed{}$

$70 \div 7 = \boxed{}$

$72 \div 9 = \boxed{}$

$55 \div 5 = \boxed{}$

$18 \div 9 = \boxed{}$

$25 \div 5 = \boxed{}$

$8 \div 2 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain swung across the canyon, then searched the faraway cliffs.
2. The villain spotted the secret entrance, then called their sneaky partner.
3. The villain spotted the secret entrance, then searched the faraway cliffs.
4. The villain swung across the canyon, then took a quick sip of water.
5. The villain solved the ancient wall code, then called their sneaky partner.
6. The villain distracted the temple guards, then searched the faraway cliffs.
7. The villain distracted the temple guards, then took a quick sip of water.
8. The villain spotted the secret entrance, then lit up the dark tunnel.
9. The villain swung across the canyon, then lit up the dark tunnel.
10. The villain cleared the thick vines, then searched the faraway cliffs.
11. The villain solved the ancient wall code, then checked the map direction.
12. The villain distracted the temple guards, then called their sneaky partner.

Answer Key

The Case of the Golden Monkey Statue

Culprit: Leo Alvarez

grappling hook · binoculars · right handed · blonde hair · scared of snakes

Trail: Start 21 → Clue 1 16 → Clue 2 11 → Clue 3 8 → Clue 4 4 → Clue 5 1

Clue 1 (Multiplication facts (1-12)): "THE THIEF DOES NOT HAVE A WALKIE TALKIE"

$8 \times 9 = 72$ (T) · $12 \times 11 = 132$ (K) · $1 \times 8 = 8$ (O) · $7 \times 3 = 21$ (D) · $9 \times 3 = 27$ (H) · $9 \times 2 = 18$ (N) · $4 \times 9 = 36$ (E) · $7 \times 12 = 84$ (F) · $6 \times 7 = 42$ (A) · $11 \times 10 = 110$ (V) · $3 \times 10 = 30$ (W) · $10 \times 8 = 80$ (I) · $9 \times 12 = 108$ (S) · $7 \times 1 = 7$ (L)

Clue 2 (Word problems): "RIGHT HANDED"

There were 81 compasses. 22 were used up. How many compasses are left? = 59 (R) · Professor Pete lined up 8 rows of 2 compasses. How many compasses in all? = 16 (T) · Professor Pete found 3 climbing ropes yesterday and 3 more today. How many climbing ropes in all? = 6 (H) · Professor Pete lined up 10 rows of 7 climbing ropes. How many climbing ropes in all? = 70 (A) · There were 76 banana snacks. 30 were used up. How many banana snacks are left? = 46 (G) · Professor Pete found 28 climbing ropes yesterday and 23 more today. How many climbing ropes in all? = 51 (I) · Professor Pete found 3 banana snacks yesterday and 54 more today. How many banana snacks in all? = 57 (N)

Clue 3 (Rounding): "THE THIEF SHIVERED AT A HARMLESS SNAKE"

Round 4,143 to the nearest thousand = 4000 (T) · Round 94 to the nearest ten = 90 (K) · Round 505 to the nearest hundred = 500 (N) · Round 60 to the nearest ten = 60 (M) · Round 24 to the nearest ten = 20 (S) · Round 830 to the nearest hundred = 800 (F) · Round 5,940 to the nearest thousand = 6000 (A) · Round 8,496 to the nearest thousand = 8000 (D) · Round 76 to the nearest ten = 80 (L) · Round 8,765 to the nearest thousand = 9000 (I) · Round 718 to the nearest hundred = 700 (H) · Round 921 to the nearest hundred = 900 (V) · Round 2,355 to the nearest thousand = 2000 (R) · Round 270 to the nearest hundred = 300 (E)

Clue 4 (Addition): "A BLONDE HAIR WAS STUCK TO THE MAP"

$200 + 142 = 342$ (A) · $426 + 208 = 634$ (C) · $156 + 74 = 230$ (E) · $470 + 333 = 803$ (N) · $561 + 360 = 921$ (O) · $542 + 239 = 781$ (S) · $286 + 182 = 468$ (L) · $305 + 602 = 907$ (U) · $436 + 204 = 640$ (H) · $228 + 392 = 620$ (W) · $197 + 200 = 397$ (M) · $151 + 127 = 278$ (T) · $198 + 330 = 528$ (P) · $480 + 475 = 955$ (K) · $117 + 273 = 390$ (R) · $282 + 271 = 553$ (I) · $293 + 676 = 969$ (B) · $409 + 355 = 764$ (D)

Clue 5 (Division facts (1-12)): surviving statement is box 1 → Leo Alvarez

$72 \div 8 = 9$ · $36 \div 6 = 6$ · $7 \div 1 = 7$ · $24 \div 2 = 12$ · $12 \div 4 = 3$ · $70 \div 7 = 10$ · $72 \div 9 = 8$ · $55 \div 5 = 11$ · $18 \div 9 = 2$ · $25 \div 5 = 5$ · $8 \div 2 = 4$