



The Lost Monkey Gold

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

Detective: _____ **Date:** _____

The Golden Monkey Statue has vanished from the Whispering Jungle camp! Chief Archeologist Wendy needs your help. A mysterious Masked Thief snatched the relic in the middle of the night. Follow the clues, solve the math puzzles, and unmask the thief before they escape!

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 Thief is _____

Possible suspects

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

NAME	JUNGLE TOOL	SECRET SKILL	BELT TYPE	HAT COLOR	FEAR
Kit Keen	magnifying glass	map reading	leather belt	pith helmet	fear of water
Ellie Expedition	machete	map reading	leather belt	red bandana	fear of spiders
Nellie Navigator	grappling hook	silent stepping	leather belt	pith helmet	fear of heights
River Ranger	magnifying glass	silent stepping	leather belt	red bandana	fear of spiders
Cleo Compass	binoculars	vine swinging	leather belt	pith helmet	fear of spiders
Hunter Hawk	machete	quick climbing	leather belt	pith helmet	fear of spiders
Monty Map	binoculars	animal mimicry	leather belt	pith helmet	fear of spiders
Lara Lost	grappling hook	quick climbing	rope belt	red bandana	fear of spiders
Jungle Jack	magnifying glass	animal mimicry	rope belt	pith helmet	fear of spiders
Barnaby Boots	grappling hook	quick climbing	rope belt	pith helmet	fear of heights
Alex Explorer	binoculars	quick climbing	leather belt	red bandana	fear of spiders
Danny Daring	machete	silent stepping	rope belt	red bandana	fear of water
Forrest Finder	grappling hook	map reading	rope belt	green cap	fear of water
Uma Underhill	magnifying glass	silent stepping	rope belt	green cap	fear of heights
Tracker Tom	climbing rope	quick climbing	leather belt	green cap	fear of spiders
Wilder Wyatt	climbing rope	animal mimicry	rope belt	red bandana	fear of spiders
Penny Pathfinder	grappling hook	vine swinging	leather belt	pith helmet	fear of spiders
Val Valley	magnifying glass	silent stepping	leather belt	pith helmet	fear of spiders
Oakley Outpost	grappling hook	quick climbing	leather belt	green cap	fear of water
Indie Jones	grappling hook	map reading	rope belt	pith helmet	fear of spiders
Quincy Quick	magnifying glass	silent stepping	rope belt	green cap	fear of water

CLUE 1 Place value

You find a mysterious locked trunk in the explorer camp. To crack the code, you must figure out the value of the digit in the hundreds place. This clue reveals the thief's secret skill!

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

T			T										T		
30	40	4000	30	40	400	4000	300	900	3000	70	70	500	30	800	500
60	1000	400	900	7000	900	2000	400	100	50	400	70	9000			

What is the value of the 3 in 8,036? → **T**

What is the value of the 1 in 1,242? → **U**

What is the value of the 4 in 3,490? → **I**

What is the value of the 7 in 7,890? → **K**

What is the value of the 4 in 8,240? → **H**

What is the value of the 9 in 19,133? → **G**

What is the value of the 4 in 74,979? → **E**

What is the value of the 3 in 2,375? → **F**

What is the value of the 5 in 4,572? → **O**

What is the value of the 9 in 975? → **C**

What is the value of the 8 in 873? → **D**

What is the value of the 7 in 373? → **N**

What is the value of the 3 in 3,961? → **A**

What is the value of the 6 in 4,262? → **Q**

What is the value of the 5 in 654? → **B**

What is the value of the 2 in 42,688? → **L**

What is the value of the 1 in 153? → **M**

Scratch space:

CLUE 2 Addition

A friendly monkey points to a pile of golden bananas. If you add up all the bananas in the three trees, you will find the path. Solving this sum shows what the thief dropped!

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

T															
2715	2386	9003	4355	9142	4355	3359	9003	9114	2715	4905	9003	7805	8092	4355	7805

5350	9003	7805	2715	2386	9003	8092	9264	9003	5350	2715

1659 + 1056 = → T	1328 + 1058 = → H	3784 + 4308 = → R
1706 + 3644 = → L	2084 + 1275 = → P	3116 + 4689 = → A
3869 + 5395 = → B	2482 + 1873 = → S	6333 + 2781 = → C
2129 + 2776 = → W	4188 + 4954 = → U	5667 + 3336 = → E

Scratch space:

CLUE 3

Subtraction

The camp's water canteen is leaking fast! You need to subtract the spilled water to see how much is left for your journey. The answer uncovers the thief's biggest fear!

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

T																
6622	8416	6289	6657	6342	4392	4392	6567	6342	7114	7140	6567	7114	6567	1332	6567	8352

4699	7140	5231	5122	6567	6518	7395	6342	3921	6289	7140

$8968 - 2346 = \square \rightarrow \boxed{\text{T}}$

$8361 - 1794 = \square \rightarrow \boxed{\text{A}}$

$11061 - 4772 = \square \rightarrow \boxed{\text{E}}$

$9572 - 1156 = \square \rightarrow \boxed{\text{H}}$

$10802 - 3688 = \square \rightarrow \boxed{\text{N}}$

$8879 - 4958 = \square \rightarrow \boxed{\text{D}}$

$1477 - 145 = \square \rightarrow \boxed{\text{W}}$

$9489 - 4367 = \square \rightarrow \boxed{\text{M}}$

$9149 - 2009 = \square \rightarrow \boxed{\text{R}}$

$6482 - 1783 = \square \rightarrow \boxed{\text{F}}$

$7383 - 726 = \square \rightarrow \boxed{\text{V}}$

$10515 - 3997 = \square \rightarrow \boxed{\text{S}}$

$8715 - 363 = \square \rightarrow \boxed{\text{Y}}$

$8497 - 1102 = \square \rightarrow \boxed{\text{P}}$

$4570 - 178 = \square \rightarrow \boxed{\text{L}}$

$9856 - 4625 = \square \rightarrow \boxed{\text{O}}$

$8923 - 2581 = \square \rightarrow \boxed{\text{I}}$

Scratch space:

CLUE 4
Multiplication facts (1-12)

You reach a massive wall made of square stone blocks. By multiplying the rows of blocks by the columns, you can find the hidden door. The result reveals what kind of belt the thief wears!

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

W																	
42	100	18	11	10	24	6	70	81	8	80	12	12	100	64	96	100	80
70	80	80	12	100	15	70	96	81									

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

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

$4 \times 3 = \square \rightarrow \boxed{\text{H}}$

$10 \times 10 = \square \rightarrow \boxed{\text{E}}$

$7 \times 10 = \square \rightarrow \boxed{\text{A}}$

$2 \times 3 = \square \rightarrow \boxed{\text{D}}$

$9 \times 9 = \square \rightarrow \boxed{\text{P}}$

$5 \times 3 = \square \rightarrow \boxed{\text{C}}$

$8 \times 12 = \square \rightarrow \boxed{\text{M}}$

$5 \times 2 = \square \rightarrow \boxed{\text{U}}$

$8 \times 8 = \square \rightarrow \boxed{\text{L}}$

$3 \times 6 = \square \rightarrow \boxed{\text{F}}$

$12 \times 2 = \square \rightarrow \boxed{\text{N}}$

$1 \times 11 = \square \rightarrow \boxed{\text{O}}$

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

Scratch space:

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

The rescue team has a pack of trail mix to share. Divide the treats equally among the five brave adventurers to keep up your energy. The final answer tells you what tool the thief carried!

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:

$30 \div 5 = \boxed{}$

$45 \div 9 = \boxed{}$

$11 \div 1 = \boxed{}$

$50 \div 5 = \boxed{}$

$72 \div 6 = \boxed{}$

$3 \div 3 = \boxed{}$

$10 \div 5 = \boxed{}$

$56 \div 7 = \boxed{}$

$21 \div 3 = \boxed{}$

$18 \div 6 = \boxed{}$

$18 \div 2 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain uses a climbing rope to scale the ruins, then howls like a jaguar to scare the guards.
2. The villain throws a grappling hook over the wall, then howls like a jaguar to scare the guards.
3. The villain throws a grappling hook over the wall, then scrambles up the tallest tree in seconds.
4. The villain scans the trees with binoculars, then howls like a jaguar to scare the guards.
5. The villain examines footprints with a magnifying glass, then slips through the grass without a sound.
6. The villain throws a grappling hook over the wall, then swings across the river on a wild vine.
7. The villain scans the trees with binoculars, then slips through the grass without a sound.
8. The villain uses a machete to clear a path, then checks the old parchment to find the path.
9. The villain uses a climbing rope to scale the ruins, then slips through the grass without a sound.
10. The villain uses a climbing rope to scale the ruins, then scrambles up the tallest tree in seconds.
11. The villain scans the trees with binoculars, then swings across the river on a wild vine.
12. The villain scans the trees with binoculars, then checks the old parchment to find the path.

Answer Key

The Lost Monkey Gold

Culprit: Monty Map

binoculars · animal mimicry · leather belt · pith helmet · fear of spiders

Trail: Start 21 → Clue 1 15 → Clue 2 8 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Place value): "THE THIEF CANNOT DO QUICK CLIMBING"

What is the value of the 3 in 8,036? = 30 (T) · What is the value of the 1 in 1,242? = 1000 (U) · What is the value of the 4 in 3,490? = 400 (I) · What is the value of the 7 in 7,890? = 7000 (K) · What is the value of the 4 in 8,240? = 40 (H) · What is the value of the 9 in 19,133? = 9000 (G) · What is the value of the 4 in 74,979? = 4000 (E) · What is the value of the 3 in 2,375? = 300 (F) · What is the value of the 5 in 4,572? = 500 (O) · What is the value of the 9 in 975? = 900 (C) · What is the value of the 8 in 873? = 800 (D) · What is the value of the 7 in 373? = 70 (N) · What is the value of the 3 in 3,961? = 3000 (A) · What is the value of the 6 in 4,262? = 60 (Q) · What is the value of the 5 in 654? = 50 (B) · What is the value of the 2 in 42,688? = 2000 (L) · What is the value of the 1 in 153? = 100 (M)

Clue 2 (Addition): "THE SUSPECT WEARS A LEATHER BELT"

1659 + 1056 = 2715 (T) · 1328 + 1058 = 2386 (H) · 3784 + 4308 = 8092 (R) · 1706 + 3644 = 5350 (L) · 2084 + 1275 = 3359 (P) · 3116 + 4689 = 7805 (A) · 3869 + 5395 = 9264 (B) · 2482 + 1873 = 4355 (S) · 6333 + 2781 = 9114 (C) · 2129 + 2776 = 4905 (W) · 4188 + 4954 = 9142 (U) · 5667 + 3336 = 9003 (E)

Clue 3 (Subtraction): "THE VILLAIN RAN AWAY FROM A SPIDER"

8968 - 2346 = 6622 (T) · 8361 - 1794 = 6567 (A) · 11061 - 4772 = 6289 (E) · 9572 - 1156 = 8416 (H) · 10802 - 3688 = 7114 (N) · 8879 - 4958 = 3921 (D) · 1477 - 145 = 1332 (W) · 9489 - 4367 = 5122 (M) · 9149 - 2009 = 7140 (R) · 6482 - 1783 = 4699 (F) · 7383 - 726 = 6657 (V) · 10515 - 3997 = 6518 (S) · 8715 - 363 = 8352 (Y) · 8497 - 1102 = 7395 (P) · 4570 - 178 = 4392 (L) · 9856 - 4625 = 5231 (O) · 8923 - 2581 = 6342 (I)

Clue 4 (Multiplication facts (1-12)): "WE FOUND A PITH HELMET AT THE CAMP"

$7 \times 6 = 42$ (W) · $10 \times 8 = 80$ (T) · $4 \times 3 = 12$ (H) · $10 \times 10 = 100$ (E) · $7 \times 10 = 70$ (A) · $2 \times 3 = 6$ (D) · $9 \times 9 = 81$ (P) · $5 \times 3 = 15$ (C) · $8 \times 12 = 96$ (M) · $5 \times 2 = 10$ (U) · $8 \times 8 = 64$ (L) · $3 \times 6 = 18$ (F) · $12 \times 2 = 24$ (N) · $1 \times 11 = 11$ (O) · $1 \times 8 = 8$ (I)

Clue 5 (Division facts (1-12)): surviving statement is box 4 → Monty Map

$30 \div 5 = 6$ · $45 \div 9 = 5$ · $11 \div 1 = 11$ · $50 \div 5 = 10$ · $72 \div 6 = 12$ · $3 \div 3 = 1$ · $10 \div 5 = 2$ · $56 \div 7 = 8$ · $21 \div 3 = 7$ · $18 \div 6 = 3$ · $18 \div 2 = 9$