



Mystery of the Hidden Jungle Idol

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

Detective: _____ Date: _____

The golden Monkey Idol has been swiped from the campsite! A Rival Raider slipped past our tents under the cover of night. Only a true junior explorer can follow the tracks, solve the clues, and retrieve the treasure before the boat leaves!

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 Rival Raider is _____

Possible suspects

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

NAME	SIGNATURE TOOL	SECRET GADGET	STEPPING FOOT	EXPLORER HAT	SILLY FEAR
Toby	grappling hook	night-vision goggles	right-foot lead	safari helmet	tiny spiders
Eli	climbing pick	walkie-talkies	left-foot lead	safari helmet	tickling ferns
Gabe	metal detector	walkie-talkies	left-foot lead	wool beanie	tickling ferns
Eva	golden lasso	pocket drone	left-foot lead	red cap	tiny spiders
Lara	golden lasso	smoke bombs	left-foot lead	wool beanie	tiny spiders
Maya	climbing pick	smoke bombs	right-foot lead	wool beanie	squeaky frogs
Jill	climbing pick	pocket drone	left-foot lead	safari helmet	tiny spiders
Jack	climbing pick	night-vision goggles	right-foot lead	red cap	squeaky frogs
Leo	metal detector	walkie-talkies	left-foot lead	safari helmet	tiny spiders
Ruby	golden lasso	night-vision goggles	left-foot lead	red cap	squeaky frogs
Abby	spy glass	smoke bombs	left-foot lead	safari helmet	tiny spiders
Zoe	golden lasso	smoke bombs	right-foot lead	wool beanie	squeaky frogs
Sienna	climbing pick	smoke bombs	left-foot lead	safari helmet	tiny spiders
Amy	climbing pick	night-vision goggles	left-foot lead	red cap	tickling ferns
Jake	climbing pick	walkie-talkies	left-foot lead	safari helmet	squeaky frogs
Indy	metal detector	walkie-talkies	left-foot lead	safari helmet	squeaky frogs
Sam	golden lasso	mini-shovel	left-foot lead	red cap	squeaky frogs
Rex	golden lasso	mini-shovel	right-foot lead	wool beanie	tiny spiders
Max	golden lasso	smoke bombs	left-foot lead	safari helmet	tiny spiders
Ben	metal detector	smoke bombs	right-foot lead	red cap	squeaky frogs
Mia	grappling hook	mini-shovel	left-foot lead	wool beanie	tiny spiders

CLUE 1 Rounding

Our island radar only shows rounded numbers for distances. To find the rival camp, we need to round these numbers to the nearest ten.

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

T															T	
4000	50	5000	700	90	20	20	6000	90	70	7000	80	5000	200	70	80	4000
			T							T						
9000	200	5000	4000	50	5000	40	80	500	2000	5000	4000	7000	400	80	70	5000

Round 3,596 to the nearest thousand → **T**

Round 77 to the nearest ten → **O**

Round 20 to the nearest ten → **L**

Round 40 to the nearest ten → **P**

Round 474 to the nearest hundred → **C**

Round 697 to the nearest hundred → **V**

Round 9,018 to the nearest thousand → **U**

Round 74 to the nearest ten → **N**

Round 89 to the nearest ten → **I**

Round 7,133 to the nearest thousand → **D**

Round 448 to the nearest hundred → **R**

Round 5,623 to the nearest thousand → **A**

Round 230 to the nearest hundred → **S**

Round 48 to the nearest ten → **H**

Round 1,976 to the nearest thousand → **K**

Round 5,056 to the nearest thousand → **E**

Scratch space:

CLUE 2 Addition

The team gathered extra flashlights and compasses for the dark cave. Let us add up all our gear to make sure we are ready.

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

T			T															
961	488	773	961	320	297	799	333	788	788	488	753	591	297	488	773	297	875	252
			T				T		T									
446	773	204	961	204	753	753	961	788	961	773	336							

$377 + 584 = \square \rightarrow$ T	$112 + 92 = \square \rightarrow$ F	$445 + 343 = \square \rightarrow$ S
$380 + 393 = \square \rightarrow$ E	$180 + 117 = \square \rightarrow$ A	$180 + 411 = \square \rightarrow$ W
$118 + 134 = \square \rightarrow$ Y	$518 + 235 = \square \rightarrow$ O	$164 + 169 = \square \rightarrow$ K
$502 + 297 = \square \rightarrow$ C	$139 + 197 = \square \rightarrow$ P	$163 + 325 = \square \rightarrow$ H
$429 + 446 = \square \rightarrow$ V	$103 + 217 = \square \rightarrow$ R	$237 + 209 = \square \rightarrow$ L

Scratch space:

CLUE 3

Subtraction

We had a big jar of insect spray, but some of it leaked out in the mud. Subtract the lost spray to see what is left.

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

T															
457	773	388	101	766	395	320	388	101	101	766	136	766	849	766	662

				T											
631	101	503	549	457	395	136	662	238	842	395	320	388	101	238	

$670 - 213 = \square \rightarrow \boxed{\text{T}}$

$1160 - 394 = \square \rightarrow \boxed{\text{A}}$

$993 - 220 = \square \rightarrow \boxed{\text{H}}$

$369 - 131 = \square \rightarrow \boxed{\text{S}}$

$802 - 253 = \square \rightarrow \boxed{\text{M}}$

$644 - 13 = \square \rightarrow \boxed{\text{F}}$

$531 - 395 = \square \rightarrow \boxed{\text{N}}$

$946 - 284 = \square \rightarrow \boxed{\text{Y}}$

$637 - 242 = \square \rightarrow \boxed{\text{I}}$

$748 - 245 = \square \rightarrow \boxed{\text{O}}$

$1061 - 219 = \square \rightarrow \boxed{\text{P}}$

$1031 - 182 = \square \rightarrow \boxed{\text{W}}$

$577 - 257 = \square \rightarrow \boxed{\text{D}}$

$408 - 307 = \square \rightarrow \boxed{\text{R}}$

$570 - 182 = \square \rightarrow \boxed{\text{E}}$

Scratch space:

CLUE 4

Multiplication facts (1-12)

The ancient temple floor is made of rows of decorated stone tiles. Multiply the rows by the columns to count them all.

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

W																		
44	35	84	54	32	50	40	27	5	27	84	27	8	144	5	55	8	27	28
54	50	55	12	35	72	8	54	32	50	40								

$11 \times 4 = \square \rightarrow \boxed{\text{W}}$

$5 \times 7 = \square \rightarrow \boxed{\text{E}}$

$8 \times 4 = \square \rightarrow \boxed{\text{U}}$

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

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

$5 \times 10 = \square \rightarrow \boxed{\text{N}}$

$5 \times 1 = \square \rightarrow \boxed{\text{S}}$

$9 \times 6 = \square \rightarrow \boxed{\text{O}}$

$7 \times 4 = \square \rightarrow \boxed{\text{P}}$

$2 \times 6 = \square \rightarrow \boxed{\text{H}}$

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

$5 \times 8 = \square \rightarrow \boxed{\text{D}}$

$11 \times 5 = \square \rightarrow \boxed{\text{T}}$

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

$12 \times 12 = \square \rightarrow \boxed{\text{I}}$

Scratch space:

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

We found a pile of shiny jungle bananas and want to share them equally. Divide the bananas among our team of explorers.

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:

$72 \div 12 = \boxed{}$

$9 \div 3 = \boxed{}$

$24 \div 2 = \boxed{}$

$35 \div 5 = \boxed{}$

$30 \div 3 = \boxed{}$

$60 \div 12 = \boxed{}$

$11 \div 11 = \boxed{}$

$11 \div 1 = \boxed{}$

$8 \div 2 = \boxed{}$

$32 \div 4 = \boxed{}$

$12 \div 6 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain spotted the secret doorway with a spy glass, then escaped into the dark wearing night-vision goggles.
2. The villain scaled the ancient temple wall with a grappling hook, then escaped into the dark wearing night-vision goggles.
3. The villain swung across the canyon using a golden lasso, then vanished in a cloud of fizzing smoke bombs.
4. The villain searched the sandy floor using a metal detector, then guided a sneaky pocket drone to carry the map away.
5. The villain scaled the ancient temple wall with a grappling hook, then vanished in a cloud of fizzing smoke bombs.
6. The villain chipped away the stone lock with a climbing pick, then vanished in a cloud of fizzing smoke bombs.
7. The villain swung across the canyon using a golden lasso, then dug up the golden idol using a mini-shovel.
8. The villain spotted the secret doorway with a spy glass, then dug up the golden idol using a mini-shovel.
9. The villain searched the sandy floor using a metal detector, then chatted with a secret partner over walkie-talkies.
10. The villain scaled the ancient temple wall with a grappling hook, then chatted with a secret partner over walkie-talkies.
11. The villain searched the sandy floor using a metal detector, then vanished in a cloud of fizzing smoke bombs.
12. The villain spotted the secret doorway with a spy glass, then vanished in a cloud of fizzing smoke bombs.

Answer Key

Mystery of the Hidden Jungle Idol

Culprit: Leo

metal detector · walkie-talkies · left-foot lead · safari helmet · tiny spiders

Trail: Start 21 → Clue 1 19 → Clue 2 13 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Rounding): "THE VILLAIN DOES NOT USE THE POCKET DRONE"

Round 3,596 to the nearest thousand = 4000 (T) · Round 77 to the nearest ten = 80 (O) · Round 20 to the nearest ten = 20 (L) · Round 40 to the nearest ten = 40 (P) · Round 474 to the nearest hundred = 500 (C) · Round 697 to the nearest hundred = 700 (V) · Round 9,018 to the nearest thousand = 9000 (U) · Round 74 to the nearest ten = 70 (N) · Round 89 to the nearest ten = 90 (I) · Round 7,133 to the nearest thousand = 7000 (D) · Round 448 to the nearest hundred = 400 (R) · Round 5,623 to the nearest thousand = 6000 (A) · Round 230 to the nearest hundred = 200 (S) · Round 48 to the nearest ten = 50 (H) · Round 1,976 to the nearest thousand = 2000 (K) · Round 5,056 to the nearest thousand = 5000 (E)

Clue 2 (Addition): "THE TRACKS SHOW A HEAVY LEFT FOOT STEP"

$377 + 584 = 961$ (T) · $112 + 92 = 204$ (F) · $445 + 343 = 788$ (S) · $380 + 393 = 773$ (E) · $180 + 117 = 297$ (A) · $180 + 411 = 591$ (W) · $118 + 134 = 252$ (Y) · $518 + 235 = 753$ (O) · $164 + 169 = 333$ (K) · $502 + 297 = 799$ (C) · $139 + 197 = 336$ (P) · $163 + 325 = 488$ (H) · $429 + 446 = 875$ (V) · $103 + 217 = 320$ (R) · $237 + 209 = 446$ (L)

Clue 3 (Subtraction): "THE RAIDER RAN AWAY FROM TINY SPIDERS"

$670 - 213 = 457$ (T) · $1160 - 394 = 766$ (A) · $993 - 220 = 773$ (H) · $369 - 131 = 238$ (S) · $802 - 253 = 549$ (M) · $644 - 13 = 631$ (F) · $531 - 395 = 136$ (N) · $946 - 284 = 662$ (Y) · $637 - 242 = 395$ (I) · $748 - 245 = 503$ (O) · $1061 - 219 = 842$ (P) · $1031 - 182 = 849$ (W) · $577 - 257 = 320$ (D) · $408 - 307 = 101$ (R) · $570 - 182 = 388$ (E)

Clue 4 (Multiplication facts (1-12)): "WE FOUND A SAFARI STRAP ON THE GROUND"

$11 \times 4 = 44$ (W) · $5 \times 7 = 35$ (E) · $8 \times 4 = 32$ (U) · $1 \times 8 = 8$ (R) · $8 \times 9 = 72$ (G) · $5 \times 10 = 50$ (N) · $5 \times 1 = 5$ (S) · $9 \times 6 = 54$ (O) · $7 \times 4 = 28$ (P) · $2 \times 6 = 12$ (H) · $3 \times 9 = 27$ (A) · $5 \times 8 = 40$ (D) · $11 \times 5 = 55$ (T) · $7 \times 12 = 84$ (F) · $12 \times 12 = 144$ (I)

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

$72 \div 12 = 6$ · $9 \div 3 = 3$ · $24 \div 2 = 12$ · $35 \div 5 = 7$ · $30 \div 3 = 10$ · $60 \div 12 = 5$ · $11 \div 11 = 1$ · $11 \div 1 = 11$ · $8 \div 2 = 4$ · $32 \div 4 = 8$ · $12 \div 6 = 2$