



The Lost Idol of Isla Oro

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

Detective: _____ Date: _____

A priceless golden monkey statue has vanished from the Jungle Museum camp! A sneaky rogue explorer took it. We must follow the trail, solve the puzzles, and find the culprit.

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 rogue explorer is _____

Possible suspects

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

NAME	ADVENTURE GEAR	SPECIAL MAP	FLASHLIGHT HAND	BANDANA COLOR	FEAR
Dora	Leather Whip	Cave Map	Right Handed Flashlight	Red Bandana	Spiders
Skip	Leather Whip	Cave Map	Right Handed Flashlight	Green Bandana	Heights
Sam	Leather Whip	Star Map	Left Handed Flashlight	Green Bandana	Loud Noises
Zoe	Golden Compass	Swamp Map	Left Handed Flashlight	Green Bandana	Spiders
Nathan	Climbing Rope	Cave Map	Left Handed Flashlight	Blue Bandana	Spiders
Lara	Pocket Binoculars	Volcano Map	Right Handed Flashlight	Blue Bandana	Heights
Maya	Steel Machete	Star Map	Left Handed Flashlight	Green Bandana	Loud Noises
Penny	Climbing Rope	Cave Map	Left Handed Flashlight	Blue Bandana	Heights
Rusty	Climbing Rope	Cave Map	Left Handed Flashlight	Red Bandana	Loud Noises
Will	Golden Compass	Cave Map	Left Handed Flashlight	Green Bandana	Spiders
Marcus	Climbing Rope	Temple Map	Right Handed Flashlight	Red Bandana	Loud Noises
Abigail	Steel Machete	Volcano Map	Left Handed Flashlight	Green Bandana	Heights
Sully	Golden Compass	Cave Map	Right Handed Flashlight	Red Bandana	Loud Noises
Finn	Leather Whip	Volcano Map	Left Handed Flashlight	Red Bandana	Spiders
Jack	Golden Compass	Swamp Map	Right Handed Flashlight	Red Bandana	Loud Noises
Leo	Steel Machete	Swamp Map	Right Handed Flashlight	Red Bandana	Spiders
Indiana	Golden Compass	Temple Map	Right Handed Flashlight	Green Bandana	Spiders
Ben	Pocket Binoculars	Cave Map	Right Handed Flashlight	Red Bandana	Spiders
Riley	Golden Compass	Cave Map	Right Handed Flashlight	Red Bandana	Spiders
Diego	Leather Whip	Star Map	Right Handed Flashlight	Red Bandana	Spiders
Gemma	Pocket Binoculars	Volcano Map	Right Handed Flashlight	Green Bandana	Spiders

CLUE 1

We found a broken digital GPS tracker on the muddy trail. Its screen is cracked, so it only shows rounded distances to the nearest ten yards. Round the distance to find where the thief dropped their first clue.

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

[illegible]

Round 483 to the nearest hundred $\rightarrow$ **T**

Round 4,990 to the nearest thousand $\rightarrow$ **U**

Round 5,703 to the nearest thousand → **M**

Round 726 to the nearest hundred $\rightarrow$

Round 81 to the nearest ten → **R**

Round 36 to the nearest ten $\rightarrow$ **S**

Round 64 to the nearest ten → **N**

Round 8,853 to the nearest thousand $\rightarrow$

Round 7,202 to the nearest thousand → **D**

Round 31 to the nearest ten $\rightarrow$ **W**

Round 92 to the nearest ten → **P**

Round 47 to the nearest ten → **E**

Round 770 to the nearest hundred $\rightarrow$ **C**

Round 22 to the nearest ten $\rightarrow$

Round 74 to the nearest ten → **H**

Round 2,775 to the nearest thousand → **A**

Scratch space:

CLUE 2 **Addition**

A friendly monkey helped us collect torn pieces of a notebook. Let us add up the total number of paper scraps we found scattered under the banana trees.

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

T 213	347	459	373	845	635	347	T 213	902	459	708	526	902	454	459	726	721	902
382	400	982	721	T 213	347	459	400	845	635	347	T 213	347	726	708	526		

$75 + 138 = \square \rightarrow \boxed{\text{T}}$

$120 + 253 = \square \rightarrow \boxed{\text{L}}$

$257 + 202 = \square \rightarrow \boxed{\text{E}}$

$171 + 229 = \square \rightarrow \boxed{\text{R}}$

$213 + 241 = \square \rightarrow \boxed{\text{B}}$

$306 + 539 = \square \rightarrow \boxed{\text{I}}$

$371 + 337 = \square \rightarrow \boxed{\text{N}}$

$459 + 267 = \square \rightarrow \boxed{\text{A}}$

$114 + 268 = \square \rightarrow \boxed{\text{F}}$

$545 + 357 = \square \rightarrow \boxed{\text{S}}$

$333 + 388 = \square \rightarrow \boxed{\text{M}}$

$200 + 435 = \square \rightarrow \boxed{\text{G}}$

$254 + 272 = \square \rightarrow \boxed{\text{D}}$

$539 + 443 = \square \rightarrow \boxed{\text{O}}$

$126 + 221 = \square \rightarrow \boxed{\text{H}}$

Scratch space:

CLUE 3

The thief dropped their heavy supply pack to run faster. If we subtract the ruined supplies from the total pack weight, we can figure out what they kept.

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

582 382 373 287 182 558 248 558 164 558 287 558 841 582 373 182

504 373 373 685 248 710 558 582 685 248 287 504 784 685 266 373 182

$731 - 149 = \boxed{} \rightarrow \boxed{\text{T}}$

$$766 - 384 = \boxed{} \rightarrow \boxed{\text{H}}$$

$$430 - 57 = \boxed{} \rightarrow \boxed{\text{E}}$$

$$369 - 187 = \boxed{} \rightarrow \boxed{\text{R}}$$

$$343 - 179 = \boxed{} \rightarrow \boxed{\text{W}}$$

$$623 - 119 = \boxed{} \rightarrow \boxed{\text{S}}$$

$910 - 69 = \boxed{} \rightarrow \boxed{\text{F}}$

$$686 - 399 = \boxed{} \rightarrow \boxed{\text{Y}}$$

$$876 - 318 = \boxed{} \rightarrow \boxed{\mathbf{A}}$$

$$622 - 356 = \boxed{} \rightarrow \boxed{\text{D}}$$

$693 - 8 = \square \rightarrow \square$

$$859 - 149 = \boxed{} \rightarrow \boxed{\text{G}}$$

$645 - 397 = \square \rightarrow \boxed{\text{N}}$

$960 - 176 = \boxed{} \rightarrow \boxed{\text{P}}$

Scratch space:

CLUE 4

Multiplication facts (1-12)

We reached a wall of ancient stone tiles. The tiles are arranged in neat rows and columns. Multiply the rows by the columns to unlock the hidden compartment.

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

W																
25	11	120	63	77	14	8	18	5	70	49	15	96	90	70	11	8
90	96	70	11	18	8	63	14	18	5	70	18	14	2	96		

$5 \times 5 = \square \rightarrow \boxed{\text{W}}$

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

$2 \times 4 = \square \rightarrow \boxed{\text{D}}$

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

$7 \times 7 = \square \rightarrow \boxed{\text{I}}$

$7 \times 11 = \square \rightarrow \boxed{\text{U}}$

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

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

$10 \times 9 = \square \rightarrow \boxed{\text{T}}$

$1 \times 2 = \square \rightarrow \boxed{\text{C}}$

$9 \times 7 = \square \rightarrow \boxed{\text{O}}$

$7 \times 2 = \square \rightarrow \boxed{\text{N}}$

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

$10 \times 12 = \square \rightarrow \boxed{\text{F}}$

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

Scratch space:

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

We found a box of old explorer coins. If we share them equally among our team members, the leftover coins will reveal the final secret.

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:

$6 \div 6 = \boxed{}$

$9 \div 3 = \boxed{}$

$70 \div 10 = \boxed{}$

$9 \div 1 = \boxed{}$

$36 \div 6 = \boxed{}$

$48 \div 12 = \boxed{}$

$5 \div 1 = \boxed{}$

$144 \div 12 = \boxed{}$

$77 \div 7 = \boxed{}$

$24 \div 3 = \boxed{}$

$18 \div 9 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain checked the golden compass, then plotted a path on the cave map.
2. The villain tied a knot in the climbing rope, then plotted a path on the cave map.
3. The villain swung across the gap with the leather whip, then unrolled the star map.
4. The villain slashed vines with the steel machete, then plotted a path on the cave map.
5. The villain tied a knot in the climbing rope, then unrolled the star map.
6. The villain slashed vines with the steel machete, then drew a route on the temple map.
7. The villain swung across the gap with the leather whip, then plotted a path on the cave map.
8. The villain tied a knot in the climbing rope, then checked coordinates on the swamp map.
9. The villain checked the golden compass, then marked a trail on the volcano map.
10. The villain scanned the path with the pocket binoculars, then plotted a path on the cave map.
11. The villain tied a knot in the climbing rope, then drew a route on the temple map.
12. The villain scanned the path with the pocket binoculars, then unrolled the star map.

Answer Key

The Lost Idol of Isla Oro

Culprit: Ben

Pocket Binoculars · Cave Map · Right Handed Flashlight · Red Bandana · Spiders

Trail: Start 21 → Clue 1 18 → Clue 2 10 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Rounding): "THE CULPRIT DOES NOT USE A SWAMP MAP"

Round 483 to the nearest hundred = 500 (T) · Round 4,990 to the nearest thousand = 5000 (U) · Round 5,703 to the nearest thousand = 6000 (M) · Round 726 to the nearest hundred = 700 (O) · Round 81 to the nearest ten = 80 (R) · Round 36 to the nearest ten = 40 (S) · Round 64 to the nearest ten = 60 (N) · Round 8,853 to the nearest thousand = 9000 (L) · Round 7,202 to the nearest thousand = 7000 (D) · Round 31 to the nearest ten = 30 (W) · Round 92 to the nearest ten = 90 (P) · Round 47 to the nearest ten = 50 (E) · Round 770 to the nearest hundred = 800 (C) · Round 22 to the nearest ten = 20 (I) · Round 74 to the nearest ten = 70 (H) · Round 2,775 to the nearest thousand = 3000 (A)

Clue 2 (Addition): "THE LIGHT SENDS BEAMS FROM THE RIGHT HAND"

$75 + 138 = 213$ (T) · $120 + 253 = 373$ (L) · $257 + 202 = 459$ (E) · $171 + 229 = 400$ (R) · $213 + 241 = 454$ (B) · $306 + 539 = 845$ (I) · $371 + 337 = 708$ (N) · $459 + 267 = 726$ (A) · $114 + 268 = 382$ (F) · $545 + 357 = 902$ (S) · $333 + 388 = 721$ (M) · $200 + 435 = 635$ (G) · $254 + 272 = 526$ (D) · $539 + 443 = 982$ (O) · $126 + 221 = 347$ (H)

Clue 3 (Subtraction): "THEY RAN AWAY AFTER SEEING A TINY SPIDER"

$731 - 149 = 582$ (T) · $766 - 384 = 382$ (H) · $430 - 57 = 373$ (E) · $369 - 187 = 182$ (R) · $343 - 179 = 164$ (W) · $623 - 119 = 504$ (S) · $910 - 69 = 841$ (F) · $686 - 399 = 287$ (Y) · $876 - 318 = 558$ (A) · $622 - 356 = 266$ (D) · $693 - 8 = 685$ (I) · $859 - 149 = 710$ (G) · $645 - 397 = 248$ (N) · $960 - 176 = 784$ (P)

Clue 4 (Multiplication facts (1-12)): "WE FOUND A BRIGHT RED THREAD ON A BRANCH"

$5 \times 5 = 25$ (W) · $11 \times 1 = 11$ (E) · $2 \times 4 = 8$ (D) · $10 \times 7 = 70$ (R) · $7 \times 7 = 49$ (I) · $7 \times 11 = 77$ (U) · $5 \times 3 = 15$ (G) · $6 \times 3 = 18$ (A) · $10 \times 9 = 90$ (T) · $1 \times 2 = 2$ (C) · $9 \times 7 = 63$ (O) · $7 \times 2 = 14$ (N) · $5 \times 1 = 5$ (B) · $10 \times 12 = 120$ (F) · $8 \times 12 = 96$ (H)

Clue 5 (Division facts (1-12)): surviving statement is box 10 → Ben

$6 \div 6 = 1$ · $9 \div 3 = 3$ · $70 \div 10 = 7$ · $9 \div 1 = 9$ · $36 \div 6 = 6$ · $48 \div 12 = 4$ · $5 \div 1 = 5$ · $144 \div 12 = 12$ · $77 \div 7 = 11$ · $24 \div 3 = 8$ · $18 \div 9 = 2$