



The Whispering Jungle Mystery

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

Detective: _____ Date: _____

A sneaky jungle bandit has snatched the legendary Golden Pineapple from the temple altar! We need to follow the trail, solve the puzzles, and help the team recover 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 bandit 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	SPECIAL GEAR	CLIMBING STYLE	HELMET PLUME	FEARED TRAP
Jane	machete tool	spark sparklers	left handed grip	blue feather	mud pits
Crocodile Dundee	machete tool	smoke bombs	left handed grip	blue feather	mud pits
Bindi	bamboo glider	climbing boots	right handed grip	red feather	sticky sap
Nellie	rope ladder	night goggles	left handed grip	green feather	mud pits
Cabot	bamboo glider	climbing boots	right handed grip	red feather	tickle vines
Amelia	rope ladder	flash powder	right handed grip	blue feather	mud pits
Tarzan	grappling hook	climbing boots	right handed grip	blue feather	mud pits
Earhart	pocket compass	night goggles	right handed grip	blue feather	mud pits
Darwin	bamboo glider	flash powder	right handed grip	green feather	mud pits
Steve	bamboo glider	smoke bombs	right handed grip	red feather	tickle vines
Drake	machete tool	climbing boots	right handed grip	blue feather	sticky sap
Dora	bamboo glider	night goggles	left handed grip	blue feather	sticky sap
Sacagawea	bamboo glider	smoke bombs	right handed grip	blue feather	mud pits
Marco	machete tool	night goggles	right handed grip	blue feather	mud pits
Diego	bamboo glider	smoke bombs	left handed grip	green feather	tickle vines
Jacques	machete tool	flash powder	left handed grip	green feather	sticky sap
Boone	grappling hook	night goggles	right handed grip	green feather	mud pits
Hudson	machete tool	climbing boots	left handed grip	red feather	mud pits
Lara	grappling hook	spark sparklers	right handed grip	blue feather	sticky sap
Clark	pocket compass	flash powder	left handed grip	blue feather	mud pits
Lewis	machete tool	smoke bombs	right handed grip	green feather	mud pits

Multiplication facts (1-12)

We found rows of footprints near the temple door. Pip the Monkey counts five tracks in each of the six rows to help us find the bandit's gear.

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

A number line from 0 to 100 is shown. The top row contains boxes for the numbers 15, 77, 9, 99, 81, 80, 8, 21, 15, 8, 66, 9, 100, 80, 66, 15, 120, 100, and 9. The bottom row contains boxes for the numbers 70, 2, 81, 100, 77, 56, 66, 132, 8, 9, and 30. The number 15 is highlighted in orange in both the top and bottom rows.

$$5 \times 3 = \boxed{} \rightarrow \boxed{\text{T}}$$

$$11 \times 12 = \boxed{} \rightarrow \boxed{\mathbf{W}}$$

$1 \times 9 = \boxed{} \rightarrow \boxed{\text{E}}$

$$7 \times 8 = \boxed{} \rightarrow \boxed{\text{P}}$$

$$5 \times 6 = \boxed{} \rightarrow \boxed{\mathbf{R}}$$

$11 \times 9 = \boxed{} \rightarrow \boxed{\mathbf{B}}$

$$3 \times 7 = \boxed{} \rightarrow \boxed{\text{I}}$$

$11 \times 7 = \boxed{} \rightarrow \boxed{\text{H}}$

$7 \times 10 = \boxed{} \rightarrow \boxed{\text{F}}$

$$8 \times 10 = \boxed{} \rightarrow \boxed{\mathbf{N}}$$

$9 \times 9 = \square \rightarrow \boxed{\mathbf{A}}$

$10 \times 10 = \boxed{} \rightarrow \boxed{\mathbf{S}}$

$4 \times 2 = \boxed{} \rightarrow \boxed{\mathbf{D}}$

$10 \times 12 = \boxed{} \rightarrow \boxed{\text{U}}$

$11 \times 6 = \boxed{} \rightarrow \boxed{0}$

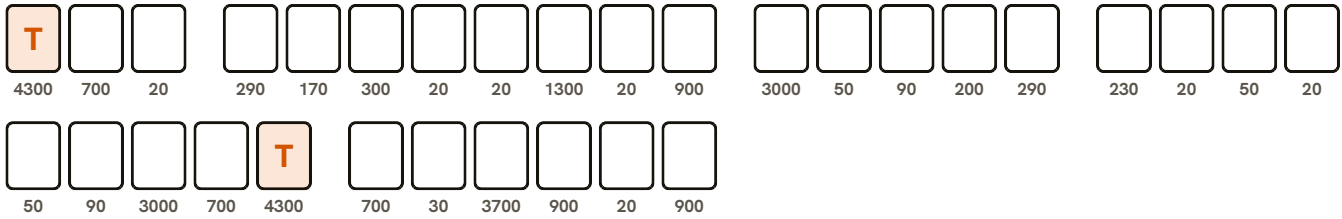
$2 \times 1 = \boxed{} \rightarrow \boxed{\text{L}}$

Scratch space:

CLUE 2 Rounding

The temple scale is broken but we can read the nearest ten. Rounding the weight of the mud helps us guess the bandit's size.

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



Round 4,281 to the nearest hundred → **T**

Round 173 to the nearest ten → **Q**

Round 924 to the nearest hundred → **D**

Round 20 to the nearest ten → **E**

Round 180 to the nearest hundred → **P**

Round 289 to the nearest ten → **S**

Round 3,387 to the nearest thousand → **G**

Round 49 to the nearest ten → **R**

Round 667 to the nearest hundred → **H**

Round 3,651 to the nearest hundred → **N**

Round 286 to the nearest hundred → **U**

Round 30 to the nearest ten → **A**

Round 1,297 to the nearest hundred → **Z**

Round 89 to the nearest ten → **I**

Round 234 to the nearest ten → **W**

Scratch space:

CLUE 3 Addition

The Banana Patrol gathered all the lost keys. Adding up the brass keys and silver keys will unlock the secret box.

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

T																		
5244	6000	3414	5147	9463	2572	2572	7156	9463	5159	5469	4172	5469	3484	3414	5469	7156	2572	2572

T								T	
5244	6000	3414	3715	5926	5469	9379	9463	5244	7009

1573 + 3671 = → T	3548 + 3461 = → S	1261 + 2153 = → E
1621 + 2094 = → M	1796 + 3351 = → V	1100 + 2384 = → G
5518 + 3861 = → P	1181 + 1391 = → L	3450 + 3706 = → A
2177 + 1995 = → O	3272 + 6191 = → I	2308 + 3618 = → U
3234 + 1925 = → N	2274 + 3195 = → D	2911 + 3089 = → H

Scratch space:

CLUE 4

Subtraction

Our water canteen is leaking as we hike. Subtracting the spilled water tells us how much is left for the search.

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

W																
2811	6224	5319	2174	5202	4508	2442	5488	1879	4463	6943	4508	7022	6507	8557	5202	6224

5319	6224	5488	8734	4463	6224	2428

$7393 - 4582 = \square \rightarrow \boxed{W}$

$2749 - 870 = \square \rightarrow \boxed{S}$

$5493 - 291 = \square \rightarrow \boxed{U}$

$3341 - 1167 = \square \rightarrow \boxed{O}$

$9180 - 2673 = \square \rightarrow \boxed{B}$

$3827 - 1399 = \square \rightarrow \boxed{R}$

$9272 - 3953 = \square \rightarrow \boxed{F}$

$6269 - 1806 = \square \rightarrow \boxed{H}$

$12271 - 3714 = \square \rightarrow \boxed{L}$

$8744 - 1801 = \square \rightarrow \boxed{I}$

$9508 - 2486 = \square \rightarrow \boxed{Y}$

$9359 - 3871 = \square \rightarrow \boxed{A}$

$4837 - 2395 = \square \rightarrow \boxed{D}$

$6899 - 2391 = \square \rightarrow \boxed{N}$

$10843 - 2109 = \square \rightarrow \boxed{T}$

$7677 - 1453 = \square \rightarrow \boxed{E}$

Scratch space:

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

We found a bunch of bananas to share. Splitting them equally among the team tells us how many snacks each scout gets.

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:

$50 \div 10 = \boxed{}$

$81 \div 9 = \boxed{}$

$84 \div 12 = \boxed{}$

$42 \div 7 = \boxed{}$

$20 \div 10 = \boxed{}$

$48 \div 4 = \boxed{}$

$36 \div 12 = \boxed{}$

$9 \div 9 = \boxed{}$

$120 \div 12 = \boxed{}$

$22 \div 2 = \boxed{}$

$96 \div 12 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain cut through the thick vines with a machete tool, then lit up the trail with spark sparklers.
2. The villain guided the escape using a pocket compass, then blinded the guards with flash powder.
3. The villain guided the escape using a pocket compass, then vanished in a cloud of smoke bombs.
4. The villain cut through the thick vines with a machete tool, then slipped away using night goggles in the dark.
5. The villain soared over the canopy with a bamboo glider, then vanished in a cloud of smoke bombs.
6. The villain scaled the high temple wall with a rope ladder, then marched through the swamp with climbing boots.
7. The villain guided the escape using a pocket compass, then slipped away using night goggles in the dark.
8. The villain cut through the thick vines with a machete tool, then blinded the guards with flash powder.
9. The villain swung across the giant trees with a grappling hook, then marched through the swamp with climbing boots.
10. The villain soared over the canopy with a bamboo glider, then lit up the trail with spark sparklers.
11. The villain scaled the high temple wall with a rope ladder, then blinded the guards with flash powder.
12. The villain soared over the canopy with a bamboo glider, then slipped away using night goggles in the dark.

Answer Key

The Whispering Jungle Mystery

Culprit: Marco

machete tool · night goggles · right handed grip · blue feather · mud pits

Trail: Start 21 → Clue 1 17 → Clue 2 11 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Multiplication facts (1-12)): "THE BANDIT DOES NOT USE FLASH POWDER"

$5 \times 3 = 15$ (T) · $11 \times 12 = 132$ (W) · $1 \times 9 = 9$ (E) · $7 \times 8 = 56$ (P) · $5 \times 6 = 30$ (R) · $11 \times 9 = 99$ (B) · $3 \times 7 = 21$ (I) · $11 \times 7 = 77$ (H) · $7 \times 10 = 70$ (F) · $8 \times 10 = 80$ (N) · $9 \times 9 = 81$ (A) · $10 \times 10 = 100$ (S) · $4 \times 2 = 8$ (D) · $10 \times 12 = 120$ (U) · $11 \times 6 = 66$ (O) · $2 \times 1 = 2$ (L)

Clue 2 (Rounding): "THE SQUEEZED GRIPS WERE RIGHT HANDED"

Round 4,281 to the nearest hundred = 4300 (T) · Round 173 to the nearest ten = 170 (Q) · Round 924 to the nearest hundred = 900 (D) · Round 20 to the nearest ten = 20 (E) · Round 180 to the nearest hundred = 200 (P) · Round 289 to the nearest ten = 290 (S) · Round 3,387 to the nearest thousand = 3000 (G) · Round 49 to the nearest ten = 50 (R) · Round 667 to the nearest hundred = 700 (H) · Round 3,651 to the nearest hundred = 3700 (N) · Round 286 to the nearest hundred = 300 (U) · Round 30 to the nearest ten = 30 (A) · Round 1,297 to the nearest hundred = 1300 (Z) · Round 89 to the nearest ten = 90 (I) · Round 234 to the nearest ten = 230 (W)

Clue 3 (Addition): "THE VILLAIN DODGED ALL THE MUD PITS"

$1573 + 3671 = 5244$ (T) · $3548 + 3461 = 7009$ (S) · $1261 + 2153 = 3414$ (E) · $1621 + 2094 = 3715$ (M) · $1796 + 3351 = 5147$ (V) · $1100 + 2384 = 3484$ (G) · $5518 + 3861 = 9379$ (P) · $1181 + 1391 = 2572$ (L) · $3450 + 3706 = 7156$ (A) · $2177 + 1995 = 4172$ (O) · $3272 + 6191 = 9463$ (I) · $2308 + 3618 = 5926$ (U) · $3234 + 1925 = 5159$ (N) · $2274 + 3195 = 5469$ (D) · $2911 + 3089 = 6000$ (H)

Clue 4 (Subtraction): "WE FOUND A SHINY BLUE FEATHER"

$7393 - 4582 = 2811$ (W) · $2749 - 870 = 1879$ (S) · $5493 - 291 = 5202$ (U) · $3341 - 1167 = 2174$ (O) · $9180 - 2673 = 6507$ (B) · $3827 - 1399 = 2428$ (R) · $9272 - 3953 = 5319$ (F) · $6269 - 1806 = 4463$ (H) · $12271 - 3714 = 8557$ (L) · $8744 - 1801 = 6943$ (I) · $9508 - 2486 = 7022$ (Y) · $9359 - 3871 = 5488$ (A) · $4837 - 2395 = 2442$ (D) · $6899 - 2391 = 4508$ (N) · $10843 - 2109 = 8734$ (T) · $7677 - 1453 = 6224$ (E)

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

$50 \div 10 = 5$ · $81 \div 9 = 9$ · $84 \div 12 = 7$ · $42 \div 7 = 6$ · $20 \div 10 = 2$ · $48 \div 4 = 12$ · $36 \div 12 = 3$ · $9 \div 9 = 1$ · $120 \div 12 = 10$ · $22 \div 2 = 11$ · $96 \div 12 = 8$