



Mystery at the Temple of the Golden Monkey

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

Detective: _____ Date: _____

Someone snuck into the Sunken Temple and snatched the Golden Monkey Idol before the team could protect it! Solve the math clues around the campsite to track down the thief.

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	PRIMARY TOOL	SIDE GEAR	DOMINANT HAND	HAIR STYLE	SECRET FEAR
Diego Marquez	Smoke Bomb	Diving Mask	Left handed	Braided Hair	Fear of Snakes
Mary Kingsley	Machete	Torch Lamp	Left handed	Braided Hair	Fear of Snakes
Indiana Jones	Machete	Climbing Spikes	Left handed	Braided Hair	Fear of Bats
Benjamin Gates	Golden Compass	Signal Flare	Right handed	Spiky Hair	Fear of Snakes
Rick OConnell	Grappling Hook	Signal Flare	Right handed	Braided Hair	Fear of Spiders
Will Turner	Golden Compass	Parachute	Right handed	Curly Hair	Fear of Bats
Jack Sparrow	Compass Watch	Climbing Spikes	Left handed	Spiky Hair	Fear of Snakes
Marco Polo	Compass Watch	Parachute	Left handed	Braided Hair	Fear of Bats
Sacagawea	Machete	Climbing Spikes	Left handed	Spiky Hair	Fear of Bats
Roald Amundsen	Compass Watch	Parachute	Left handed	Spiky Hair	Fear of Snakes
Jacques Cousteau	Machete	Torch Lamp	Right handed	Spiky Hair	Fear of Bats
Hiram Bingham	Machete	Diving Mask	Right handed	Braided Hair	Fear of Snakes
Dora Marquez	Golden Compass	Torch Lamp	Right handed	Spiky Hair	Fear of Bats
Nellie Bly	Machete	Climbing Spikes	Left handed	Braided Hair	Fear of Snakes
Riley Poole	Golden Compass	Signal Flare	Left handed	Braided Hair	Fear of Spiders
Nathan Drake	Smoke Bomb	Climbing Spikes	Right handed	Braided Hair	Fear of Snakes
Matthew Henson	Compass Watch	Signal Flare	Right handed	Spiky Hair	Fear of Bats
Lara Croft	Machete	Climbing Spikes	Right handed	Spiky Hair	Fear of Snakes
Amelia Earhart	Machete	Parachute	Left handed	Braided Hair	Fear of Snakes
Elizabeth Swann	Smoke Bomb	Climbing Spikes	Left handed	Braided Hair	Fear of Snakes
Evie Carnahan	Compass Watch	Diving Mask	Right handed	Braided Hair	Fear of Snakes

CLUE 1

Multiplication facts (1-12)

You count equal rows of gear crates stacked inside the supply tent.

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

T																T
60	40	8	55	44	54	54	4	44	22	16	108	8	56	22	108	60

				T									
12	56	8	4	60	108	30	2	40	54	4	144	77	

$5 \times 12 = \square \rightarrow \boxed{\text{T}}$

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

$4 \times 1 = \square \rightarrow \boxed{\text{A}}$

$8 \times 7 = \square \rightarrow \boxed{\text{S}}$

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

$4 \times 10 = \square \rightarrow \boxed{\text{H}}$

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

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

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

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

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

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

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

$5 \times 6 = \square \rightarrow \boxed{\text{R}}$

$2 \times 8 = \square \rightarrow \boxed{\text{D}}$

$2 \times 11 = \square \rightarrow \boxed{\text{N}}$

Scratch space:

CLUE 2 Addition

You tally up all the loose gold coins left scattered near the altar.

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

W									W										
362	559	699	237	630	590	590	590	797	362	481	630	401	699	816	797	237	776	630	776
275	797	690	816	303	481	776	559	237	983										

$161 + 201 = \square \rightarrow \text{W}$

$346 + 430 = \square \rightarrow \text{D}$

$410 + 387 = \square \rightarrow \text{A}$

$259 + 142 = \square \rightarrow \text{F}$

$227 + 403 = \square \rightarrow \text{E}$

$303 + 387 = \square \rightarrow \text{P}$

$139 + 164 = \square \rightarrow \text{O}$

$281 + 535 = \square \rightarrow \text{H}$

$343 + 216 = \square \rightarrow \text{I}$

$120 + 117 = \square \rightarrow \text{N}$

$173 + 102 = \square \rightarrow \text{M}$

$217 + 373 = \square \rightarrow \text{S}$

$417 + 282 = \square \rightarrow \text{T}$

$506 + 477 = \square \rightarrow \text{G}$

$308 + 173 = \square \rightarrow \text{L}$

Scratch space:

CLUE 3

Rounding

An ancient stone dial gives a rough estimate rounded to the nearest ten.

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

S		S													
700	200	700	8000	800	30	900	50	60	800	9000	50	500	600	4000	6000

		S	S				S					
20	2000	700	700	2000	300	40	700	300	6000	5000	800	

Round 707 to the nearest hundred → **S**

Round 8,256 to the nearest thousand → **P**

Round 795 to the nearest hundred → **E**

Round 24 to the nearest ten → **H**

Round 466 to the nearest hundred → **R**

Round 612 to the nearest hundred → **O**

Round 43 to the nearest ten → **G**

Round 219 to the nearest hundred → **U**

Round 9,290 to the nearest thousand → **D**

Round 49 to the nearest ten → **F**

Round 5,401 to the nearest thousand → **K**

Round 4,182 to the nearest thousand → **M**

Round 5,994 to the nearest thousand → **A**

Round 866 to the nearest hundred → **T**

Round 2,238 to the nearest thousand → **I**

Round 60 to the nearest ten → **L**

Round 31 to the nearest ten → **C**

Round 252 to the nearest hundred → **N**

Scratch space:

CLUE 4

Subtraction

You take away damaged tools from the main stash to see what is left.

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

L															
410	112	586	628	111	760	708	868	415	356	415	879	708	868	760	

683	586	708	628	628	356	415	112	586	111	575	683	879

$432 - 22 = \square \rightarrow \boxed{\text{L}}$

$472 - 361 = \square \rightarrow \boxed{\text{B}}$

$924 - 164 = \square \rightarrow \boxed{\text{R}}$

$916 - 208 = \square \rightarrow \boxed{\text{A}}$

$568 - 212 = \square \rightarrow \boxed{\text{E}}$

$909 - 323 = \square \rightarrow \boxed{\text{N}}$

$863 - 288 = \square \rightarrow \boxed{\text{U}}$

$703 - 20 = \square \rightarrow \boxed{\text{S}}$

$1224 - 356 = \square \rightarrow \boxed{\text{I}}$

$1092 - 213 = \square \rightarrow \boxed{\text{H}}$

$843 - 215 = \square \rightarrow \boxed{\text{G}}$

$724 - 309 = \square \rightarrow \boxed{\text{D}}$

$218 - 106 = \square \rightarrow \boxed{\text{O}}$

Scratch space:

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

You split the remaining climbing ropes evenly among the search squads.

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:

$12 \div 6 = \boxed{}$

$110 \div 11 = \boxed{}$

$28 \div 4 = \boxed{}$

$60 \div 10 = \boxed{}$

$8 \div 2 = \boxed{}$

$11 \div 11 = \boxed{}$

$36 \div 3 = \boxed{}$

$10 \div 2 = \boxed{}$

$27 \div 3 = \boxed{}$

$96 \div 12 = \boxed{}$

$22 \div 2 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain cracked the ancient lock, then zipped down the rope.
2. The villain swung across the chasm, then zipped down the rope.
3. The villain unlocked the stone door, then zipped down the rope.
4. The villain snagged the golden idol, then vanished in the mist.
5. The villain cracked the ancient lock, then escaped through the tunnel.
6. The villain snagged the golden idol, then leaped into the river.
7. The villain unlocked the stone door, then ran into the jungle.
8. The villain cracked the ancient lock, then leaped into the river.
9. The villain snagged the golden idol, then zipped down the rope.
10. The villain swung across the chasm, then leaped into the river.
11. The villain snagged the golden idol, then escaped through the tunnel.
12. The villain snagged the golden idol, then ran into the jungle.

Answer Key

Mystery at the Temple of the Golden Monkey

Culprit: Elizabeth Swann

Smoke Bomb · Climbing Spikes · Left handed · Braided Hair · Fear of Snakes

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

Clue 1 (Multiplication facts (1-12)): "THE VILLAIN DOES NOT USE A TORCH LAMP"

$5 \times 12 = 60$ (T) · $2 \times 1 = 2$ (C) · $4 \times 1 = 4$ (A) · $8 \times 7 = 56$ (S) · $12 \times 9 = 108$ (O) · $4 \times 10 = 40$ (H) · $11 \times 7 = 77$ (P) · $11 \times 5 = 55$ (V) · $2 \times 6 = 12$ (U) · $9 \times 6 = 54$ (L) · $1 \times 8 = 8$ (E) · $4 \times 11 = 44$ (I) · $12 \times 12 = 144$ (M) · $5 \times 6 = 30$ (R) · $2 \times 8 = 16$ (D) · $2 \times 11 = 22$ (N)

Clue 2 (Addition): "WITNESS SAW LEFT HANDED MAP HOLDING"

$161 + 201 = 362$ (W) · $346 + 430 = 776$ (D) · $410 + 387 = 797$ (A) · $259 + 142 = 401$ (F) · $227 + 403 = 630$ (E) · $303 + 387 = 690$ (P) · $139 + 164 = 303$ (O) · $281 + 535 = 816$ (H) · $343 + 216 = 559$ (I) · $120 + 117 = 237$ (N) · $173 + 102 = 275$ (M) · $217 + 373 = 590$ (S) · $417 + 282 = 699$ (T) · $506 + 477 = 983$ (G) · $308 + 173 = 481$ (L)

Clue 3 (Rounding): "SUSPECT FLED FROM A HISSING SNAKE"

Round 707 to the nearest hundred = 700 (S) · Round 8,256 to the nearest thousand = 8000 (P) · Round 795 to the nearest hundred = 800 (E) · Round 24 to the nearest ten = 20 (H) · Round 466 to the nearest hundred = 500 (R) · Round 612 to the nearest hundred = 600 (O) · Round 43 to the nearest ten = 40 (G) · Round 219 to the nearest hundred = 200 (U) · Round 9,290 to the nearest thousand = 9000 (D) · Round 49 to the nearest ten = 50 (F) · Round 5,401 to the nearest thousand = 5000 (K) · Round 4,182 to the nearest thousand = 4000 (M) · Round 5,994 to the nearest thousand = 6000 (A) · Round 866 to the nearest hundred = 900 (T) · Round 2,238 to the nearest thousand = 2000 (I) · Round 60 to the nearest ten = 60 (L) · Round 31 to the nearest ten = 30 (C) · Round 252 to the nearest hundred = 300 (N)

Clue 4 (Subtraction): "LONG BRAIDED HAIR SNAGGED ON BUSH"

$432 - 22 = 410$ (L) · $472 - 361 = 111$ (B) · $924 - 164 = 760$ (R) · $916 - 208 = 708$ (A) · $568 - 212 = 356$ (E) · $909 - 323 = 586$ (N) · $863 - 288 = 575$ (U) · $703 - 20 = 683$ (S) · $1224 - 356 = 868$ (I) · $1092 - 213 = 879$ (H) · $843 - 215 = 628$ (G) · $724 - 309 = 415$ (D) · $218 - 106 = 112$ (O)

Clue 5 (Division facts (1-12)): surviving statement is box 3 → Elizabeth Swann

$12 \div 6 = 2$ · $110 \div 11 = 10$ · $28 \div 4 = 7$ · $60 \div 10 = 6$ · $8 \div 2 = 4$ · $11 \div 11 = 1$ · $36 \div 3 = 12$ · $10 \div 2 = 5$ · $27 \div 3 = 9$ · $96 \div 12 = 8$ · $22 \div 2 = 11$