The Serpent Island Temple Mystery

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

Detective: _____ **Date:** _____

A sneaky temple raider snuck into the camp and took off with a rare artifact! The chief archaeologist needs your help to examine the clues, decode the evidence, and spot the culprit before they escape Serpent Island.

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 Temple Raider is _____

Possible suspects

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

NAME	JUNGLE GEAR	STOLEN ARTIFACT	NERVOUS HABIT	HEADGEAR	PHOBIA
Lara Croft	Rope Ladder	Golden Idol	Taps Boots	Pith Helmet	Fireflies
Victor Sullivan	Grappling Hook	Golden Idol	Taps Boots	Pith Helmet	Fireflies
Marcus Brody	Glider Wings	Crystal Skull	Taps Boots	Canvas Cap	Fireflies
Nate Drake	Machete	Crystal Skull	Taps Boots	Canvas Cap	Snake Hisses
Indiana Drake	Compass Watch	Jade Tablet	Taps Boots	Canvas Cap	Fireflies
Short Round	Grappling Hook	Crystal Skull	Taps Boots	Canvas Cap	Bat Swarms
Zack Brody	Machete	Jade Tablet	Taps Boots	Canvas Cap	Snake Hisses
Elena Fisher	Rope Ladder	Ruby Map	Adjusts Strap	Leather Fedora	Fireflies
Jack Hunter	Machete	Bronze Medallion	Taps Boots	Canvas Cap	Snake Hisses
Marion Raven	Machete	Bronze Medallion	Taps Boots	Pith Helmet	Fireflies
Sonia Reyes	Machete	Golden Idol	Taps Boots	Canvas Cap	Fireflies
Chloe Frazer	Rope Ladder	Ruby Map	Adjusts Strap	Canvas Cap	Snake Hisses
Mouse Finbar	Rope Ladder	Ruby Map	Taps Boots	Canvas Cap	Snake Hisses
Elsa Schneider	Grappling Hook	Jade Tablet	Taps Boots	Pith Helmet	Snake Hisses
Professor Oberon	Compass Watch	Crystal Skull	Adjusts Strap	Canvas Cap	Fireflies
Dr Smolder	Machete	Ruby Map	Adjusts Strap	Leather Fedora	Bat Swarms
Shelly Oberon	Rope Ladder	Golden Idol	Adjusts Strap	Canvas Cap	Fireflies
Maya Lin	Rope Ladder	Jade Tablet	Taps Boots	Canvas Cap	Bat Swarms
Leo Cruz	Glider Wings	Bronze Medallion	Taps Boots	Canvas Cap	Fireflies
Rene Belloq	Grappling Hook	Ruby Map	Adjusts Strap	Leather Fedora	Snake Hisses
Ruby Roundhouse	Machete	Jade Tablet	Taps Boots	Canvas Cap	Fireflies

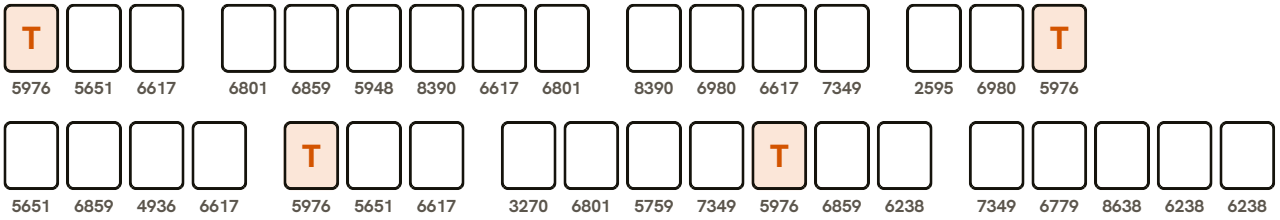
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CLUE 1

Addition

The team tallies up all the footprints found near the camp gate.

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



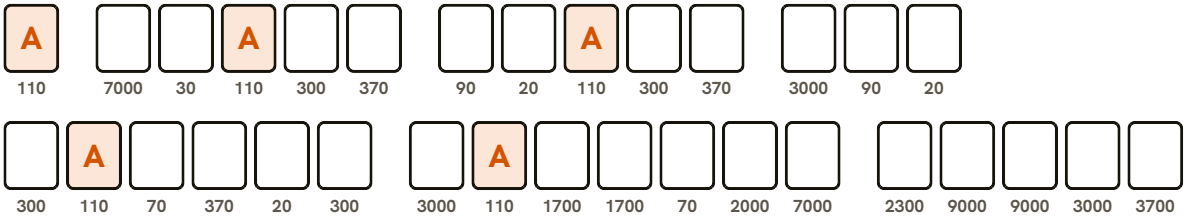
1979 + 3997 = ☐ → T	4573 + 2286 = ☐ → A	5115 + 3275 = ☐ → D
3205 + 2446 = ☐ → H	2606 + 4374 = ☐ → O	5153 + 3485 = ☐ → U
3300 + 4049 = ☐ → S	4386 + 2393 = ☐ → K	2942 + 3675 = ☐ → E
3408 + 2830 = ☐ → L	2115 + 3644 = ☐ → Y	4136 + 2665 = ☐ → R
1535 + 3401 = ☐ → V	2186 + 1084 = ☐ → C	4154 + 1794 = ☐ → I
1260 + 1335 = ☐ → N		

Scratch space:

CLUE 2 Rounding

An ancient stone door lock shows rounded pressure numbers on the dial.

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



Round 106 to the nearest ten ☐ → **A**

Round 370 to the nearest ten ☐ → **D**

Round 257 to the nearest hundred ☐ → **R**

Round 23 to the nearest ten ☐ → **E**

Round 9,038 to the nearest thousand ☐ → **O**

Round 3,747 to the nearest hundred ☐ → **S**

Round 69 to the nearest ten ☐ → **I**

Round 2,225 to the nearest thousand ☐ → **N**

Round 3,221 to the nearest thousand ☐ → **T**

Round 2,301 to the nearest hundred ☐ → **B**

Round 29 to the nearest ten ☐ → **U**

Round 1,724 to the nearest hundred ☐ → **P**

Round 89 to the nearest ten ☐ → **H**

Round 6,957 to the nearest thousand ☐ → **G**

Scratch space:

CLUE 3 Subtraction

The camp crew checks the gear tent to figure out what was taken.

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



7103 - 1343 = ☐ → B

4983 - 2315 = ☐ → H

8415 - 2958 = ☐ → I

3232 - 334 = ☐ → D

5968 - 2335 = ☐ → E

4718 - 1271 = ☐ → F

4051 - 2224 = ☐ → G

4443 - 2829 = ☐ → L

10802 - 2409 = ☐ → S

13151 - 4919 = ☐ → A

9087 - 4799 = ☐ → T

1304 - 98 = ☐ → C

8378 - 664 = ☐ → R

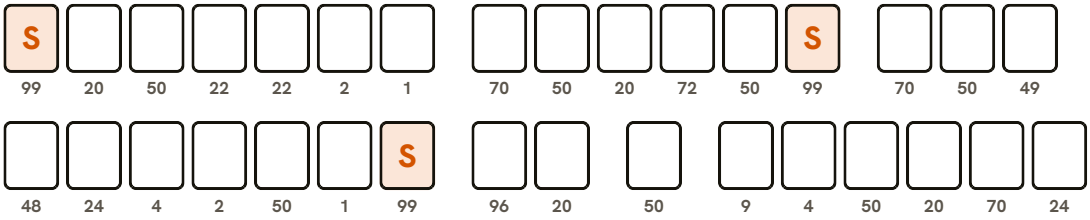
10811 - 3369 = ☐ → O

Scratch space:

CLUE 4 Multiplication facts (1-12)

> The explorers count crates arranged in equal rows inside the vault.

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



11 × 9 = ☐ → S

12 × 4 = ☐ → T

2 × 1 = ☐ → E

2 × 12 = ☐ → H

2 × 2 = ☐ → R

7 × 7 = ☐ → P

1 × 1 = ☐ → D

9 × 1 = ☐ → B

10 × 5 = ☐ → A

12 × 8 = ☐ → O

10 × 2 = ☐ → N

7 × 10 = ☐ → C

2 × 11 = ☐ → G

9 × 8 = ☐ → V

Scratch space:

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

> The expedition leader splits the trail markers equally among the team.

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:

10 ÷ 2 = ☐ | 80 ÷ 8 = ☐ | 48 ÷ 8 = ☐ | 42 ÷ 6 = ☐ | 27 ÷ 9 = ☐

7 ÷ 7 = ☐ | 4 ÷ 1 = ☐ | 66 ÷ 6 = ☐ | 24 ÷ 3 = ☐ | 90 ÷ 10 = ☐

132 ÷ 11 = ☐

Step 2 - cross out the sentence with each answer:

1. The villain soared over the river with glider wings, then pocketed the jade tablet.
2. The villain navigated the dark maze with a compass watch, then pocketed the jade tablet.
3. The villain scaled the stone wall with a grappling hook, then pocketed the jade tablet.
4. The villain climbed down the cliff with a rope ladder, then stole the golden idol.
5. The villain cleared heavy vines with a machete, then stole the golden idol.
6. The villain soared over the river with glider wings, then grabbed the bronze medallion.
7. The villain scaled the stone wall with a grappling hook, then stole the golden idol.
8. The villain navigated the dark maze with a compass watch, then swiped the crystal skull.
9. The villain climbed down the cliff with a rope ladder, then swiped the crystal skull.
10. The villain cleared heavy vines with a machete, then pocketed the jade tablet.
11. The villain soared over the river with glider wings, then swiped the crystal skull.
12. The villain cleared heavy vines with a machete, then snagged the ruby map.

TEACHER / PARENT

Answer Key

The Serpent Island Temple Mystery

Culprit: Indiana Drake

Compass Watch · Jade Tablet · Taps Boots · Canvas Cap · Fireflies

Trail: Start 21 → Clue 1 17 → Clue 2 12 → Clue 3 7 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE RAIDER DOES NOT HAVE THE CRYSTAL SKULL"

1979 + 3997 = 5976 (T) · 4573 + 2286 = 6859 (A) · 5115 + 3275 = 8390 (D) · 3205 + 2446 = 5651 (H) · 2606 + 4374 = 6980 (O) · 5153 + 3485 = 8638 (U) · 3300 + 4049 = 7349 (S) · 4386 + 2393 = 6779 (K) · 2942 + 3675 = 6617 (E) · 3408 + 2830 = 6238 (L) · 2115 + 3644 = 5759 (Y) · 4136 + 2665 = 6801 (R) · 1535 + 3401 = 4936 (V) · 2186 + 1084 = 3270 (C) · 4154 + 1794 = 5948 (I) · 1260 + 1335 = 2595 (N)

Clue 2 (Rounding): "A GUARD HEARD THE RAIDER TAPPING BOOTS"

Round 106 to the nearest ten = 110 (A) · Round 370 to the nearest ten = 370 (D) · Round 257 to the nearest hundred = 300 (R) · Round 23 to the nearest ten = 20 (E) · Round 9,038 to the nearest thousand = 9000 (O) · Round 3,747 to the nearest hundred = 3700 (S) · Round 69 to the nearest ten = 70 (I) · Round 2,225 to the nearest thousand = 2000 (N) · Round 3,221 to the nearest thousand = 3000 (T) · Round 2,301 to the nearest hundred = 2300 (B) · Round 29 to the nearest ten = 30 (U) · Round 1,724 to the nearest hundred = 1700 (P) · Round 89 to the nearest ten = 90 (H) · Round 6,957 to the nearest thousand = 7000 (G)

Clue 3 (Subtraction): "BRIGHT FIREFLIES SCARED THE RAIDER OFF"

7103 - 1343 = 5760 (B) · 4983 - 2315 = 2668 (H) · 8415 - 2958 = 5457 (I) · 3232 - 334 = 2898 (D) · 5968 - 2335 = 3633 (E) · 4718 - 1271 = 3447 (F) · 4051 - 2224 = 1827 (G) · 4443 - 2829 = 1614 (L) · 10802 - 2409 = 8393 (S) · 13151 - 4919 = 8232 (A) · 9087 - 4799 = 4288 (T) · 1304 - 98 = 1206 (C) · 8378 - 664 = 7714 (R) · 10811 - 3369 = 7442 (O)

Clue 4 (Multiplication facts (1-12)): "SNAGGED CANVAS CAP THREADS ON A BRANCH"

11 × 9 = 99 (S) · 12 × 4 = 48 (T) · 2 × 1 = 2 (E) · 2 × 12 = 24 (H) · 2 × 2 = 4 (R) · 7 × 7 = 49 (P) · 1 × 1 = 1 (D) · 9 × 1 = 9 (B) · 10 × 5 = 50 (A) · 12 × 8 = 96 (O) · 10 × 2 = 20 (N) · 7 × 10 = 70 (C) · 2 × 11 = 22 (G) · 9 × 8 = 72 (V)

Clue 5 (Division facts (1-12)): surviving statement is box 2 → Indiana Drake

10 ÷ 2 = 5 · 80 ÷ 8 = 10 · 48 ÷ 8 = 6 · 42 ÷ 6 = 7 · 27 ÷ 9 = 3 · 7 ÷ 7 = 1 · 4 ÷ 1 = 4 · 66 ÷ 6 = 11 · 24 ÷ 3 = 8 · 90 ÷ 10 = 9 · 132 ÷ 11 = 12