The Mystery of the Sunstone Statue

Grade 3 math · Rounding, Addition, Subtraction, Multiplication, Division · Reading level grades 1-2

Detective: _____ **Date:** _____

Someone snuck into the Lost Temple and took the golden sun statue! Solve the clues to find out who took it before they escape down the river.

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.

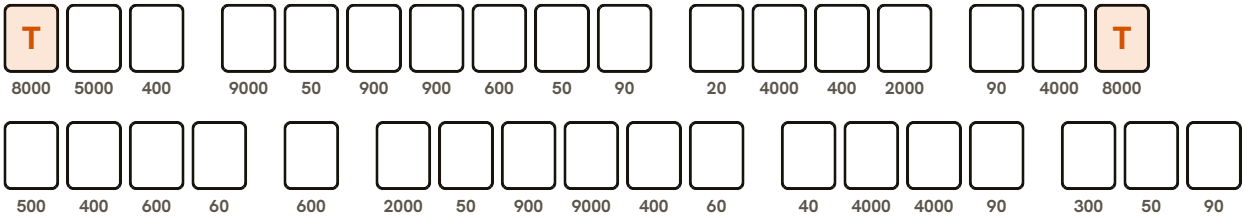
NAME	GEAR	BADGE	HANDEDNESS	HAT COLOR	FEAR
Ranger Rita	Sturdy Torch	Ruby Star Pin	Right handed	Brown hat	Scared of bats
Scout Sam	Pocket Compass	Ruby Star Pin	Left handed	Red hat	Scared of bats
Rover Rosie	Brass Spyglass	Bronze Shield Pin	Left handed	Red hat	Scared of bats
Trekker Toby	Brass Spyglass	Bronze Shield Pin	Right handed	Red hat	Scared of bats
Captain Cora	Ancient Map	Gold Leaf Pin	Right handed	Brown hat	Scared of bats
Sailor Sid	Sturdy Torch	Ruby Star Pin	Right handed	Brown hat	Scared of snakes
Pilot Penny	Ancient Map	Bronze Shield Pin	Left handed	Brown hat	Scared of bats
Explorer Eddie	Ancient Map	Gold Leaf Pin	Left handed	Brown hat	Scared of bats
Ranger Rob	Brass Spyglass	Silver Moon Pin	Right handed	Brown hat	Scared of bats
Guide Grace	Pocket Compass	Gold Leaf Pin	Right handed	Brown hat	Scared of snakes
Scout Sarah	Grappling Hook	Bronze Shield Pin	Right handed	Brown hat	Scared of bats
Tracker Tom	Pocket Compass	Silver Moon Pin	Left handed	Red hat	Scared of snakes
Pilot Pete	Ancient Map	Gold Leaf Pin	Left handed	Red hat	Scared of snakes
Captain Cal	Brass Spyglass	Ruby Star Pin	Right handed	Green hat	Scared of snakes
Hiker Holly	Brass Spyglass	Ruby Star Pin	Right handed	Red hat	Scared of snakes
Diver Dot	Ancient Map	Gold Leaf Pin	Right handed	Red hat	Scared of bats
Hiker Hank	Brass Spyglass	Bronze Shield Pin	Right handed	Brown hat	Scared of snakes
Finder Fred	Ancient Map	Gold Leaf Pin	Right handed	Green hat	Scared of snakes
Trekker Tess	Pocket Compass	Ruby Star Pin	Left handed	Brown hat	Scared of spiders
Rover Rex	Grappling Hook	Gold Leaf Pin	Left handed	Brown hat	Scared of bats
Sailor Sally	Pocket Compass	Jade Serpent Pin	Right handed	Brown hat	Scared of bats

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CLUE 1 Rounding

The temple radar gives rounded numbers for safety. Round to decode this clue.

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



Round 7,642 to the nearest thousand ☐ → T

Round 1,549 to the nearest thousand ☐ → S

Round 61 to the nearest ten ☐ → R

Round 4,497 to the nearest thousand ☐ → O

Round 37 to the nearest ten ☐ → M

Round 9,081 to the nearest thousand ☐ → V

Round 918 to the nearest hundred ☐ → L

Round 53 to the nearest ten ☐ → I

Round 86 to the nearest ten ☐ → N

Round 489 to the nearest hundred ☐ → W

Round 602 to the nearest hundred ☐ → A

Round 24 to the nearest ten ☐ → D

Round 5,058 to the nearest thousand ☐ → H

Round 264 to the nearest hundred ☐ → P

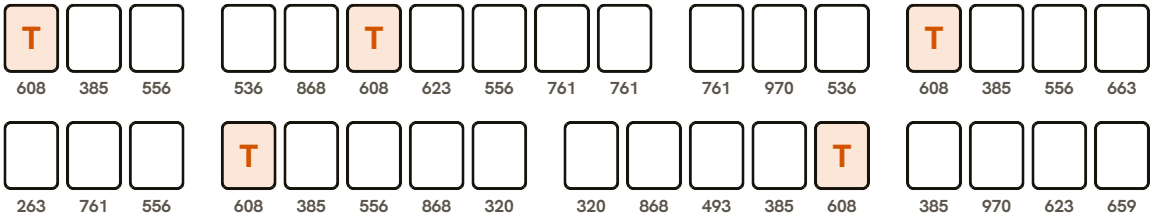
Round 411 to the nearest hundred ☐ → E

Scratch space:

CLUE 2 Addition

We found trail markers along the path. Add the markers together to go on.

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



299 + 309 = ☐ → T

449 + 312 = ☐ → S

404 + 255 = ☐ → D

209 + 284 = ☐ → G

422 + 201 = ☐ → N

175 + 145 = ☐ → R

229 + 156 = ☐ → H

411 + 559 = ☐ → A

141 + 122 = ☐ → U

519 + 349 = ☐ → I

382 + 281 = ☐ → M

199 + 357 = ☐ → E

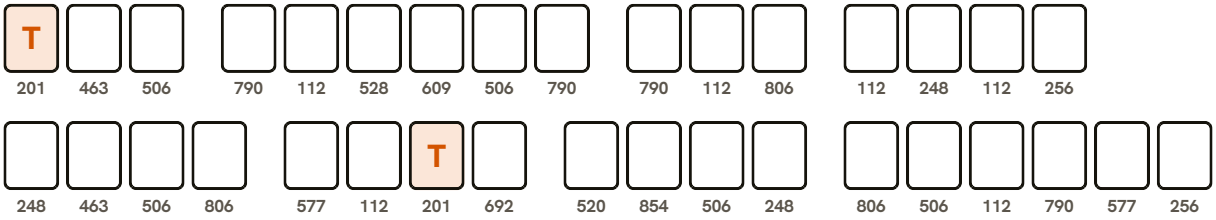
331 + 205 = ☐ → W

Scratch space:

CLUE 3 Subtraction

Some gear was left behind in the mud. Subtract to see what is missing.

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



344 - 143 = ☐ → T

852 - 275 = ☐ → B

468 - 356 = ☐ → A

774 - 165 = ☐ → D

901 - 395 = ☐ → E

1082 - 390 = ☐ → S

761 - 233 = ☐ → I

1190 - 400 = ☐ → R

555 - 307 = ☐ → W

863 - 57 = ☐ → N

946 - 92 = ☐ → L

421 - 165 = ☐ → Y

884 - 364 = ☐ → F

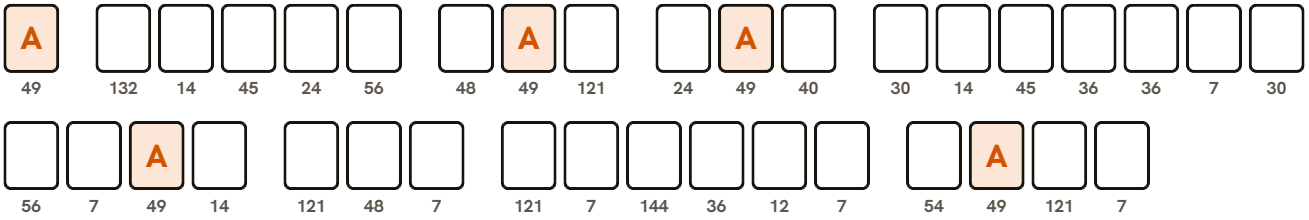
583 - 120 = ☐ → H

Scratch space:

CLUE 4 Multiplication facts (1-12)

The path has equal rows of stone tiles. Multiply to count the path tiles.

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



7 × 7 = ☐ → A

8 × 7 = ☐ → N

6 × 6 = ☐ → P

12 × 11 = ☐ → B

11 × 11 = ☐ → T

4 × 10 = ☐ → S

4 × 12 = ☐ → H

4 × 3 = ☐ → L

6 × 5 = ☐ → D

7 × 1 = ☐ → E

9 × 5 = ☐ → O

7 × 2 = ☐ → R

12 × 12 = ☐ → M

9 × 6 = ☐ → G

4 × 6 = ☐ → W

Scratch space:

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

> We must share the jungle supplies equally. Divide the items to solve the last puzzle.

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:

9 ÷ 3 = ☐	18 ÷ 9 = ☐	36 ÷ 3 = ☐	7 ÷ 7 = ☐	66 ÷ 6 = ☐
28 ÷ 4 = ☐	30 ÷ 3 = ☐	90 ÷ 10 = ☐	50 ÷ 10 = ☐	24 ÷ 4 = ☐
24 ÷ 6 = ☐				

Step 2 - cross out the sentence with each answer:

1. The villain used a grappling hook, then pinned on a jade serpent.
2. The villain checked a pocket compass, then pinned on a jade serpent.
3. The villain lit a sturdy torch, then pinned on a ruby star.
4. The villain checked a pocket compass, then pinned on a ruby star.
5. The villain checked a pocket compass, then pinned on a gold leaf.
6. The villain checked a pocket compass, then pinned on a silver moon.
7. The villain read an ancient map, then pinned on a ruby star.
8. The villain used a grappling hook, then pinned on a bronze shield.
9. The villain checked a pocket compass, then pinned on a bronze shield.
10. The villain looked through a brass spyglass, then pinned on a silver moon.
11. The villain lit a sturdy torch, then pinned on a gold leaf.
12. The villain read an ancient map, then pinned on a gold leaf.

TEACHER / PARENT

Answer Key

The Mystery of the Sunstone Statue

Culprit: Scout Sarah

Grappling Hook · Bronze Shield Pin · Right handed · Brown hat · Scared of bats

Trail: Start 21 → Clue 1 19 → Clue 2 12 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Rounding): "THE VILLAIN DOES NOT WEAR A SILVER MOON PIN"

Round 7,642 to the nearest thousand = 8000 (T) · Round 1,549 to the nearest thousand = 2000 (S) · Round 61 to the nearest ten = 60 (R) · Round 4,497 to the nearest thousand = 4000 (O) · Round 37 to the nearest ten = 40 (M) · Round 9,081 to the nearest thousand = 9000 (V) · Round 918 to the nearest hundred = 900 (L) · Round 53 to the nearest ten = 50 (I) · Round 86 to the nearest ten = 90 (N) · Round 489 to the nearest hundred = 500 (W) · Round 602 to the nearest hundred = 600 (A) · Round 24 to the nearest ten = 20 (D) · Round 5,058 to the nearest thousand = 5000 (H) · Round 264 to the nearest hundred = 300 (P) · Round 411 to the nearest hundred = 400 (E)

Clue 2 (Addition): "THE WITNESS SAW THEM USE THEIR RIGHT HAND"

299 + 309 = 608 (T) · 449 + 312 = 761 (S) · 404 + 255 = 659 (D) · 209 + 284 = 493 (G) · 422 + 201 = 623 (N) · 175 + 145 = 320 (R) · 229 + 156 = 385 (H) · 411 + 559 = 970 (A) · 141 + 122 = 263 (U) · 519 + 349 = 868 (I) · 382 + 281 = 663 (M) · 199 + 357 = 556 (E) · 331 + 205 = 536 (W)

Clue 3 (Subtraction): "THE RAIDER RAN AWAY WHEN BATS FLEW NEARBY"

344 - 143 = 201 (T) · 852 - 275 = 577 (B) · 468 - 356 = 112 (A) · 774 - 165 = 609 (D) · 901 - 395 = 506 (E) · 1082 - 390 = 692 (S) · 761 - 233 = 528 (I) · 1190 - 400 = 790 (R) · 555 - 307 = 248 (W) · 863 - 57 = 806 (N) · 946 - 92 = 854 (L) · 421 - 165 = 256 (Y) · 884 - 364 = 520 (F) · 583 - 120 = 463 (H)

Clue 4 (Multiplication facts (1-12)): "A BROWN HAT WAS DROPPED NEAR THE TEMPLE GATE"

7 × 7 = 49 (A) · 8 × 7 = 56 (N) · 6 × 6 = 36 (P) · 12 × 11 = 132 (B) · 11 × 11 = 121 (T) · 4 × 10 = 40 (S) · 4 × 12 = 48 (H) · 4 × 3 = 12 (L) · 6 × 5 = 30 (D) · 7 × 1 = 7 (E) · 9 × 5 = 45 (O) · 7 × 2 = 14 (R) · 12 × 12 = 144 (M) · 9 × 6 = 54 (G) · 4 × 6 = 24 (W)

Clue 5 (Division facts (1-12)): surviving statement is box 8 → Scout Sarah

9 ÷ 3 = 3 · 18 ÷ 9 = 2 · 36 ÷ 3 = 12 · 7 ÷ 7 = 1 · 66 ÷ 6 = 11 · 28 ÷ 4 = 7 · 30 ÷ 3 = 10 · 90 ÷ 10 = 9 · 50 ÷ 10 = 5 · 24 ÷ 4 = 6 · 24 ÷ 6 = 4