



# The Whispering Temple Heist

Grade 1 math · Addition, Subtraction, Word problems, Skip counting, Missing addends · Reading level grades 3-4

**Detective:** \_\_\_\_\_ **Date:** \_\_\_\_\_

A sneaky thief has swiped the legendary Golden Compass from the Head Museum Curator's jungle campsite! The Whispering Temple is full of wild traps, but our team of junior rangers is hot on the trail. We must figure out which explorer went rogue before they escape the canopy with 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 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             | JUNGLE TOOL      | ANIMAL COMPANION    | MAP STYLE           | HAT COLOR     | FEAR FACTOR           |
|------------------|------------------|---------------------|---------------------|---------------|-----------------------|
| Marco Polo       | machete tool     | parakeet sidekick   | digital tablet user | safari fedora | scared of spiders     |
| Jack Wilder      | sonar radar      | fruit bat companion | digital tablet user | safari fedora | scared of spiders     |
| Daniel Boone     | machete tool     | fruit bat companion | paper map user      | pith helmet   | scared of spiders     |
| Roy Chapman      | grappling hook   | baby jaguar         | digital tablet user | pith helmet   | afraid of heights     |
| Charles Darwin   | sonar radar      | tree frog buddy     | paper map user      | adventure cap | dislikes muddy swamps |
| Jane Goodall     | laser flashlight | baby jaguar         | paper map user      | safari fedora | scared of spiders     |
| Sacagawea        | grappling hook   | parakeet sidekick   | paper map user      | pith helmet   | afraid of heights     |
| Allan Quatermain | grappling hook   | tree frog buddy     | digital tablet user | safari fedora | scared of spiders     |
| Amelia Earhart   | climbing ropes   | pygmy marmoset      | digital tablet user | safari fedora | afraid of heights     |
| Dora Marquez     | laser flashlight | pygmy marmoset      | digital tablet user | adventure cap | scared of spiders     |
| Sven Hedin       | grappling hook   | fruit bat companion | digital tablet user | pith helmet   | afraid of heights     |
| Mary Kingsley    | machete tool     | fruit bat companion | paper map user      | adventure cap | afraid of heights     |
| Robin Hood       | grappling hook   | parakeet sidekick   | digital tablet user | safari fedora | scared of spiders     |
| Diego Marquez    | laser flashlight | parakeet sidekick   | digital tablet user | adventure cap | dislikes muddy swamps |
| Gertrude Bell    | climbing ropes   | baby jaguar         | paper map user      | adventure cap | afraid of heights     |
| Nellie Bly       | laser flashlight | pygmy marmoset      | paper map user      | safari fedora | afraid of heights     |
| Annie Oakley     | machete tool     | baby jaguar         | digital tablet user | pith helmet   | dislikes muddy swamps |
| Percy Fawcett    | climbing ropes   | baby jaguar         | paper map user      | safari fedora | scared of spiders     |
| Indiana Jones    | sonar radar      | parakeet sidekick   | digital tablet user | safari fedora | scared of spiders     |
| Steve Irwin      | sonar radar      | parakeet sidekick   | paper map user      | adventure cap | afraid of heights     |
| Hiram Bingham    | laser flashlight | baby jaguar         | paper map user      | adventure cap | scared of spiders     |

## CLUE 1 Addition

Our junior rangers gathered the discarded gear left by the camp. Adding up the total canteens and compasses gave us a clue about the thief.

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

|                           |                           |                           |                           |                          |                           |                           |                           |                           |                          |                           |                           |                          |                          |                           |                          |                           |                           |                           |  |
|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--|
| <div>T</div> <div>5</div> | <div></div> <div>2</div>  | <div></div> <div>10</div> | <div>T</div> <div>5</div> | <div></div> <div>2</div> | <div></div> <div>7</div>  | <div></div> <div>10</div> | <div></div> <div>16</div> | <div></div> <div>14</div> | <div></div> <div>4</div> | <div></div> <div>10</div> | <div></div> <div>18</div> | <div></div> <div>9</div> | <div></div> <div>4</div> | <div>T</div> <div>5</div> | <div></div> <div>2</div> | <div></div> <div>19</div> | <div></div> <div>15</div> | <div></div> <div>10</div> |  |
| <div></div> <div>19</div> | <div></div> <div>16</div> | <div></div> <div>20</div> | <div></div> <div>17</div> | <div></div> <div>7</div> | <div>T</div> <div>5</div> | <div></div> <div>11</div> | <div></div> <div>19</div> | <div>T</div> <div>5</div> |                          |                           |                           |                          |                          |                           |                          |                           |                           |                           |  |

|                                         |                                         |                                         |
|-----------------------------------------|-----------------------------------------|-----------------------------------------|
| $4 + 1 = \square \rightarrow \text{T}$  | $7 + 3 = \square \rightarrow \text{E}$  | $6 + 11 = \square \rightarrow \text{U}$ |
| $10 + 4 = \square \rightarrow \text{D}$ | $6 + 5 = \square \rightarrow \text{B}$  | $1 + 1 = \square \rightarrow \text{H}$  |
| $11 + 9 = \square \rightarrow \text{R}$ | $8 + 10 = \square \rightarrow \text{S}$ | $1 + 3 = \square \rightarrow \text{O}$  |
| $5 + 2 = \square \rightarrow \text{I}$  | $6 + 10 = \square \rightarrow \text{F}$ | $8 + 11 = \square \rightarrow \text{A}$ |
| $10 + 5 = \square \rightarrow \text{V}$ | $3 + 6 = \square \rightarrow \text{N}$  |                                         |

Scratch space:

## CLUE 2

To cross the rickety rope bridge safely, we had to lighten our gear. After subtracting the heavy stone statues from our packs, we noticed a clue carved on the wooden boards.

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

7 16 3 13 5 15 15 11 5 12 2 15 19 10 17 10 5 7 16

11 14 1 5 2 16 7 17 4 1 3 3 12

$$8 - 1 = \boxed{\phantom{00}} \rightarrow \boxed{\text{T}}$$

$$2 - 1 = \boxed{\phantom{00}} \rightarrow \boxed{\text{R}}$$

$17 - 3 = \boxed{\phantom{00}} \rightarrow \boxed{\mathbf{B}}$

$$20 - 1 = \boxed{\phantom{00}} \rightarrow \boxed{0}$$

$17 - 6 = \boxed{\phantom{00}} \rightarrow \boxed{\text{A}}$

$19 - 2 = \boxed{\phantom{00}} \rightarrow \boxed{\text{S}}$

$19 - 3 = \square \rightarrow \boxed{\text{H}}$

$15 - 3 = \boxed{\phantom{00}} \rightarrow \boxed{\text{N}}$

$$6 - 2 = \boxed{\phantom{00}} \rightarrow \boxed{\text{C}}$$

$$17 - 2 = \boxed{\phantom{00}} \rightarrow \boxed{\text{L}}$$

$$14 - 1 = \boxed{\phantom{00}} \rightarrow \mathbf{[v]}$$

$$7 - 2 = \boxed{\phantom{00}} \rightarrow \boxed{\phantom{00}}$$

$$9 - 6 = \boxed{\phantom{00}} \rightarrow \boxed{\text{E}}$$

$$16 - 6 = \boxed{\phantom{00}} \rightarrow \boxed{\text{W}}$$

$7 - 5 = \boxed{\phantom{00}} \rightarrow \boxed{\mathbf{G}}$

Scratch space:

## CLUE 3

## Word problems

A friendly jungle monkey offered to guide us if we solved a puzzle about bananas. Our correct answer led us directly to a witness who saw the thief.

Solve each problem, then write its letter in the boxes to fill in the missing word.

Someone scared the villain off with

S






F
S
P
I



S

18   27   26   8   21   6   33   18   6   21   8   18

Ranger Rick found 4 binoculars yesterday and 14 more today. How many binoculars in all?

Answer:  → S

Ranger Rick lined up 3 rows of 2 golden banana. How many golden banana in all?

Answer:  → D

Ranger Rick lined up 3 rows of 7 golden banana. How many golden banana in all?

Answer:  → E

Ranger Rick lined up 11 rows of 3 binoculars. How many binoculars in all?

Answer:  → O

Ranger Rick found 12 pocket compass yesterday and 14 more today. How many pocket compass in all?

Answer:  → A

Ranger Rick lined up 4 rows of 2 jungle canteen. How many jungle canteen in all?

Answer:  → R

Ranger Rick lined up 9 rows of 3 pocket compass. How many pocket compass in all?

Answer:  → C

Scratch space:

## CLUE 4 Skip counting

We climbed the ancient stone steps of the temple. By skip counting the steps by fives, we avoided the trapdoors and found a dropped item.

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

|    |    |     |    |    |     |     |     |   |     |     |    |    |     |   |    |  |
|----|----|-----|----|----|-----|-----|-----|---|-----|-----|----|----|-----|---|----|--|
| T  |    |     | T  |    |     |     |     |   |     |     |    |    |     |   |    |  |
| 12 | 55 | 100 | 12 | 55 | 110 | 100 | 15  | 6 | 8   | 140 | 14 | 14 | 100 | 6 | 30 |  |
|    |    |     |    |    |     |     |     |   |     |     |    |    |     |   |    |  |
| 28 | 30 | 15  | 30 | 8  | 110 | 15  | 100 | 6 | 140 | 8   | 30 |    |     |   |    |  |

Skip-count by 3s. Fill the blank: 3, 6, 9, \_\_, 15, 18  → **T**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, \_\_, 16, 18  → **P**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, \_\_, 120, 130  → **I**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, \_\_, 150, 160  → **O**

Skip-count by 5s. Fill the blank: 5, 10, \_\_, 20, 25  → **F**

Skip-count by 2s. Fill the blank: 2, 4, \_\_, 8, 10  → **D**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, \_\_, 30, 32  → **S**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, \_\_, 60, 65  → **H**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, \_\_, 35, 40  → **A**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, \_\_, 110, 120  → **E**

Skip-count by 2s. Fill the blank: 2, 4, 6, \_\_, 10, 12  → **R**

Scratch space:

**CLUE 5****Missing addends - the last clue**

To unlock the secret temple vault, we had to load heavy stones onto a scale until it hit the target weight. Finding the missing weight opened the path to our final clue.

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:**

$9 + \underline{\quad} = 21$

$9 + \underline{\quad} = 15$

$9 + \underline{\quad} = 12$

$5 + \underline{\quad} = 13$

$8 + \underline{\quad} = 12$

$5 + \underline{\quad} = 12$

$4 + \underline{\quad} = 9$

$2 + \underline{\quad} = 3$

$8 + \underline{\quad} = 18$

$5 + \underline{\quad} = 7$

$2 + \underline{\quad} = 11$

**Step 2 - cross out the sentence with each answer:**

1. The villain swung across the canyon using a grappling hook, then patted the soft fur of a baby jaguar.
2. The villain scaled the slippery cliff using climbing ropes, then guided a fruit bat companion through the ruins.
3. The villain cleared the thick vines with a machete tool, then fed crackers to a parakeet sidekick.
4. The villain scaled the slippery cliff using climbing ropes, then fed crackers to a parakeet sidekick.
5. The villain swung across the canyon using a grappling hook, then guided a fruit bat companion through the ruins.
6. The villain swung across the canyon using a grappling hook, then fed crackers to a parakeet sidekick.
7. The villain mapped the ancient stone maze with a sonar radar, then guided a fruit bat companion through the ruins.
8. The villain scaled the slippery cliff using climbing ropes, then patted the soft fur of a baby jaguar.
9. The villain navigated the dark caves with a laser flashlight, then guided a fruit bat companion through the ruins.
10. The villain cleared the thick vines with a machete tool, then carried a colorful tree frog buddy on their shoulder.
11. The villain swung across the canyon using a grappling hook, then carried a colorful tree frog buddy on their shoulder.
12. The villain mapped the ancient stone maze with a sonar radar, then fed crackers to a parakeet sidekick.

# Answer Key

## The Whispering Temple Heist

### Culprit: Allan Quatermain

grappling hook · tree frog buddy · digital tablet user · safari fedora · scared of spiders

Trail: Start 21 → Clue 1 17 → Clue 2 9 → Clue 3 5 → Clue 4 4 → Clue 5 1

#### Clue 1 (Addition): "THE THIEF DOES NOT HAVE A FRUIT BAT"

$4 + 1 = 5$  (T) ·  $7 + 3 = 10$  (E) ·  $6 + 11 = 17$  (U) ·  $10 + 4 = 14$  (D) ·  $6 + 5 = 11$  (B) ·  $1 + 1 = 2$  (H) ·  $11 + 9 = 20$  (R) ·  $8 + 10 = 18$  (S) ·  $1 + 3 = 4$  (O) ·  $5 + 2 = 7$  (I) ·  $6 + 10 = 16$  (F) ·  $8 + 11 = 19$  (A) ·  $10 + 5 = 15$  (V) ·  $3 + 6 = 9$  (N)

#### Clue 2 (Subtraction): "THE VILLAIN GLOWS WITH A BRIGHT SCREEN"

$8 - 1 = 7$  (T) ·  $2 - 1 = 1$  (R) ·  $17 - 3 = 14$  (B) ·  $20 - 1 = 19$  (O) ·  $17 - 6 = 11$  (A) ·  $19 - 2 = 17$  (S) ·  $19 - 3 = 16$  (H) ·  $15 - 3 = 12$  (N) ·  $6 - 2 = 4$  (C) ·  $17 - 2 = 15$  (L) ·  $14 - 1 = 13$  (V) ·  $7 - 2 = 5$  (I) ·  $9 - 6 = 3$  (E) ·  $16 - 6 = 10$  (W) ·  $7 - 5 = 2$  (G)

#### Clue 3 (Word problems): "SCARED OF SPIDERS"

Ranger Rick found 4 binoculars yesterday and 14 more today. How many binoculars in all? = 18 (S) · Ranger Rick lined up 3 rows of 2 golden banana. How many golden banana in all? = 6 (D) · Ranger Rick lined up 3 rows of 7 golden banana. How many golden banana in all? = 21 (E) · Ranger Rick lined up 11 rows of 3 binoculars. How many binoculars in all? = 33 (O) · Ranger Rick found 12 pocket compass yesterday and 14 more today. How many pocket compass in all? = 26 (A) · Ranger Rick lined up 4 rows of 2 jungle canteen. How many jungle canteen in all? = 8 (R) · Ranger Rick lined up 9 rows of 3 pocket compass. How many pocket compass in all? = 27 (C)

#### Clue 4 (Skip counting): "THE THIEF DROPPED A SAFARI FEDORA"

Skip-count by 3s. Fill the blank: 3, 6, 9, \_\_, 15, 18 = 12 (T) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, \_\_, 16, 18 = 14 (P) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, \_\_, 120, 130 = 110 (I) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, \_\_, 150, 160 = 140 (O) · Skip-count by 5s. Fill the blank: 5, 10, \_\_, 20, 25 = 15 (F) · Skip-count by 2s. Fill the blank: 2, 4, \_\_, 8, 10 = 6 (D) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, \_\_, 30, 32 = 28 (S) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, \_\_, 60, 65 = 55 (H) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, \_\_, 35, 40 = 30 (A) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, \_\_, 110, 120 = 100 (E) · Skip-count by 2s. Fill the blank: 2, 4, 6, \_\_, 10, 12 = 8 (R)

#### Clue 5 (Missing addends): surviving statement is box 11 → Allan Quatermain

$9 + \underline{\quad} = 21 = 12$  ·  $9 + \underline{\quad} = 15 = 6$  ·  $9 + \underline{\quad} = 12 = 3$  ·  $5 + \underline{\quad} = 13 = 8$  ·  $8 + \underline{\quad} = 12 = 4$  ·  $5 + \underline{\quad} = 12 = 7$  ·  $4 + \underline{\quad} = 9 = 5$  ·  $2 + \underline{\quad} = 3 = 1$  ·  $8 + \underline{\quad} = 18 = 10$  ·  $5 + \underline{\quad} = 7 = 2$  ·  $2 + \underline{\quad} = 11 = 9$