



The Mystery of the Book of Mudora

Grade 5 math · Place value, Addition, Subtraction, Multiplication, Division · Reading level grades 5-6

Detective: _____ Date: _____

A sneaky Yiga Thief has stolen the legendary Book of Mudora from the Royal Library of Hyrule! Princess Zelda needs your help to solve the clues left behind and unmask the thief hiding among the travelers visiting Castle Town.

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 Yiga Thief is _____

Possible suspects

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

NAME	COMBAT SKILL	EVASION TECHNIQUE	DOMINANT HAND	HAIR COLOR	VULNERABILITY
Link	ice rod	whirlwind spin	right handed	crimson red	boomerang
Beedle	magnesis rune	whirlwind spin	left handed	shadow black	mirror shield
Purah	magnesis rune	stealth dash	right handed	golden blonde	deku seeds
Riju	ice rod	whirlwind spin	left handed	crimson red	deku seeds
Karane	spin attack	stealth dash	left handed	crimson red	boomerang
Ravio	spin attack	whirlwind spin	left handed	shadow black	deku seeds
Kafei	magnesis rune	flurry rush	right handed	crimson red	boomerang
Yunobo	spin attack	whirlwind spin	left handed	crimson red	deku seeds
Groose	ice rod	stealth dash	right handed	crimson red	mirror shield
Linebeck	magnesis rune	shield parry	right handed	crimson red	mirror shield
Impa	bomb arrows	shield parry	right handed	golden blonde	boomerang
Malon	spin attack	double jump	left handed	shadow black	mirror shield
Mido	ice rod	shield parry	right handed	crimson red	boomerang
Pipit	bomb arrows	flurry rush	left handed	golden blonde	mirror shield
Teba	bomb arrows	shield parry	left handed	golden blonde	boomerang
Robbie	deku nuts	double jump	right handed	crimson red	boomerang
Talon	deku nuts	flurry rush	left handed	shadow black	deku seeds
Zelda	bomb arrows	double jump	left handed	shadow black	boomerang
Mutoh	spin attack	stealth dash	right handed	golden blonde	deku seeds
Hilda	bomb arrows	shield parry	left handed	crimson red	boomerang
Anju	bomb arrows	whirlwind spin	right handed	crimson red	boomerang

CLUE 1 Place value

You examine a dusty slate containing ancient Hyrule coordinates. By identifying the place value of the hundreds digit, you unlock a hidden scroll containing the first clue.

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

T			T											T			
600	500	900	600	500	1000	900	200	700	5000	900	30	60	5000	600	300	30	900
200	800	300	8000	8000	80	8000	300	30	500								

What is the value of the 6 in 877,648? → **T**

What is the value of the 6 in 30,267? → **N**

What is the value of the 9 in 87,988? → **E**

What is the value of the 8 in 58,415? → **R**

What is the value of the 5 in 98,574? → **H**

What is the value of the 3 in 470,832? → **S**

What is the value of the 8 in 710,682? → **Y**

What is the value of the 5 in 385,740? → **O**

What is the value of the 2 in 941,235? → **F**

What is the value of the 8 in 27,850? → **L**

What is the value of the 1 in 61,382? → **I**

What is the value of the 3 in 59,377? → **U**

What is the value of the 7 in 65,786? → **D**

Scratch space:

CLUE 2 Addition

To open the library chamber door, you must add up the total weight of the stone keys found in the courtyard.
The correct sum activates a mechanism that reveals another clue.

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

T										T				T					T	
5496	3051	9695	6480	4703	6480	5229	9695	9225	5496	6970	4706	6341	5496	9695	6480	6970	6341	5496	3051	
T									T											
5496	3051	9695	6341	4706	4706	6341	3470	3051	5496	3051	8998	5828	5641							

$2238 + 3258 = \square \rightarrow \boxed{\text{T}}$	$2034 + 1436 = \square \rightarrow \boxed{\text{G}}$	$3551 + 2929 = \square \rightarrow \boxed{\text{S}}$
$3810 + 2018 = \square \rightarrow \boxed{\text{N}}$	$4133 + 5562 = \square \rightarrow \boxed{\text{E}}$	$4513 + 2457 = \square \rightarrow \boxed{\text{W}}$
$1994 + 2709 = \square \rightarrow \boxed{\text{U}}$	$3160 + 5838 = \square \rightarrow \boxed{\text{A}}$	$3278 + 5947 = \square \rightarrow \boxed{\text{C}}$
$3933 + 2408 = \square \rightarrow \boxed{\text{I}}$	$1578 + 3128 = \square \rightarrow \boxed{\text{R}}$	$2477 + 3164 = \square \rightarrow \boxed{\text{D}}$
$923 + 2128 = \square \rightarrow \boxed{\text{H}}$	$2452 + 2777 = \square \rightarrow \boxed{\text{P}}$	

Scratch space:

CLUE 3
Subtraction

You find a Castle Town shopkeeper whose Rupee purse was partially looted. Subtracting the remaining Rupees from his original total reveals the exact amount stolen and a scrap of paper.

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

A							A												
4124	6574	7262	7262	1149	2308	7842	4124	4606	3291	5577	7308	1247	1247	2807	4606	4124	8601	8421	1333

						A	
8601	1333	2308	7308	7842	8421	4124	4080

$8346 - 4222 = \square \rightarrow \text{A}$	$2908 - 1575 = \square \rightarrow \text{H}$	$6702 - 1125 = \square \rightarrow \text{W}$
$8144 - 1570 = \square \rightarrow \text{B}$	$12934 - 4333 = \square \rightarrow \text{T}$	$7620 - 3540 = \square \rightarrow \text{P}$
$9506 - 2198 = \square \rightarrow \text{I}$	$4769 - 163 = \square \rightarrow \text{N}$	$10999 - 3157 = \square \rightarrow \text{R}$
$3677 - 2430 = \square \rightarrow \text{L}$	$13390 - 4969 = \square \rightarrow \text{C}$	$9414 - 2152 = \square \rightarrow \text{O}$
$3450 - 2301 = \square \rightarrow \text{M}$	$2431 - 123 = \square \rightarrow \text{E}$	$4803 - 1512 = \square \rightarrow \text{G}$
$7497 - 4690 = \square \rightarrow \text{S}$		

Scratch space:

Multiplication facts (1-12)

The Royal Guard keeps speed potions arranged in neat rows on the shelves. Multiplying the rows by the columns lets you inventory the stock and unearth a clue hidden behind a bottle.

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

48 14 30 63 56 22 16 16 33 48 16 30 35

3 30 14 30 35 144 22 12 12 30 63

$6 \times 8 = \boxed{} \rightarrow \boxed{\text{C}}$

$$11 \times 2 = \boxed{} \rightarrow \boxed{0}$$

$11 \times 3 = \boxed{} \rightarrow \boxed{}$

$$4 \times 11 = \boxed{} \rightarrow \boxed{\mathbf{M}}$$

$$5 \times 10 = \boxed{} \rightarrow \boxed{\text{N}}$$

$5 \times 7 = \boxed{} \rightarrow \boxed{\mathbf{S}}$

$7 \times 9 = \boxed{} \rightarrow \boxed{\text{D}}$

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

$$3 \times 10 = \boxed{} \rightarrow \boxed{\mathbf{E}}$$

$$2 \times 7 = \boxed{} \rightarrow \boxed{\mathbf{R}}$$

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

$3 \times 1 = \square \rightarrow \boxed{W}$

$1 \times 12 = \boxed{} \rightarrow \boxed{\text{T}}$

$12 \times 12 = \boxed{} \rightarrow \boxed{\text{P}}$

Scratch space:

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

A group of friendly Koroks wants to share a bundle of Deku Sticks equally. Dividing the sticks among them clears the path and earns you the 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:

$12 \div 2 = \boxed{}$

$7 \div 1 = \boxed{}$

$66 \div 6 = \boxed{}$

$4 \div 2 = \boxed{}$

$12 \div 12 = \boxed{}$

$8 \div 2 = \boxed{}$

$16 \div 2 = \boxed{}$

$20 \div 4 = \boxed{}$

$80 \div 8 = \boxed{}$

$9 \div 1 = \boxed{}$

$15 \div 5 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain unleashes a fierce spin attack, then dodges swiftly using flurry rush.
2. The villain launches blazing bomb arrows, then dodges swiftly using flurry rush.
3. The villain activates the magnesis rune, then creates a whirlwind spin.
4. The villain fires a freezing ice rod, then escapes with a stealth dash.
5. The villain unleashes a fierce spin attack, then creates a whirlwind spin.
6. The villain fires a freezing ice rod, then deflects attacks with a shield parry.
7. The villain fires a freezing ice rod, then creates a whirlwind spin.
8. The villain throws blinding deku nuts, then escapes with a stealth dash.
9. The villain throws blinding deku nuts, then deflects attacks with a shield parry.
10. The villain unleashes a fierce spin attack, then escapes with a stealth dash.
11. The villain throws blinding deku nuts, then leaps away with a double jump.
12. The villain launches blazing bomb arrows, then creates a whirlwind spin.

Answer Key

The Mystery of the Book of Mudora

Culprit: Anju

bomb arrows · whirlwind spin · right handed · crimson red · boomerang

Trail: Start 21 → Clue 1 18 → Clue 2 9 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Place value): "THE THIEF DOES NOT USE FLURRY RUSH"

What is the value of the 6 in 877,648? = 600 (T) · What is the value of the 6 in 30,267? = 60 (N) · What is the value of the 9 in 87,988? = 900 (E) · What is the value of the 8 in 58,415? = 8000 (R) · What is the value of the 5 in 98,574? = 500 (H) · What is the value of the 3 in 470,832? = 30 (S) · What is the value of the 8 in 710,682? = 80 (Y) · What is the value of the 5 in 385,740? = 5000 (O) · What is the value of the 2 in 941,235? = 200 (F) · What is the value of the 8 in 27,850? = 800 (L) · What is the value of the 1 in 61,382? = 1000 (I) · What is the value of the 3 in 59,377? = 300 (U) · What is the value of the 7 in 65,786? = 700 (D)

Clue 2 (Addition): "THE SUSPECT WRITES WITH THEIR RIGHT HAND"

2238 + 3258 = 5496 (T) · 2034 + 1436 = 3470 (G) · 3551 + 2929 = 6480 (S) · 3810 + 2018 = 5828 (N) · 4133 + 5562 = 9695 (E) · 4513 + 2457 = 6970 (W) · 1994 + 2709 = 4703 (U) · 3160 + 5838 = 8998 (A) · 3278 + 5947 = 9225 (C) · 3933 + 2408 = 6341 (I) · 1578 + 3128 = 4706 (R) · 2477 + 3164 = 5641 (D) · 923 + 2128 = 3051 (H) · 2452 + 2777 = 5229 (P)

Clue 3 (Subtraction): "A BOOMERANG WILL SNATCH THEIR CAP"

8346 - 4222 = 4124 (A) · 2908 - 1575 = 1333 (H) · 6702 - 1125 = 5577 (W) · 8144 - 1570 = 6574 (B) · 12934 - 4333 = 8601 (T) · 7620 - 3540 = 4080 (P) · 9506 - 2198 = 7308 (I) · 4769 - 163 = 4606 (N) · 10999 - 3157 = 7842 (R) · 3677 - 2430 = 1247 (L) · 13390 - 4969 = 8421 (C) · 9414 - 2152 = 7262 (O) · 3450 - 2301 = 1149 (M) · 2431 - 123 = 2308 (E) · 4803 - 1512 = 3291 (G) · 7497 - 4690 = 2807 (S)

Clue 4 (Multiplication facts (1-12)): "CRIMSON RED FOLLICLES WERE SPOTTED"

6 × 8 = 48 (C) · 11 × 2 = 22 (O) · 11 × 3 = 33 (I) · 4 × 11 = 44 (M) · 5 × 10 = 50 (N) · 5 × 7 = 35 (S) · 7 × 9 = 63 (D) · 2 × 8 = 16 (L) · 3 × 10 = 30 (E) · 2 × 7 = 14 (R) · 8 × 7 = 56 (F) · 3 × 1 = 3 (W) · 1 × 12 = 12 (T) · 12 × 12 = 144 (P)

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

12 ÷ 2 = 6 · 7 ÷ 1 = 7 · 66 ÷ 6 = 11 · 4 ÷ 2 = 2 · 12 ÷ 12 = 1 · 8 ÷ 2 = 4 · 16 ÷ 2 = 8 · 20 ÷ 4 = 5 · 80 ÷ 8 = 10 · 9 ÷ 1 = 9 · 15 ÷ 5 = 3