



Mystery of the Golden Monkey Statue

Grade 3 math · Addition, Place value, Subtraction, Word problems, Division · Reading level grades 3-4

Detective: _____ Date: _____

Someone snuck into the Sunken Temple and swapped the ancient Golden Monkey Statue with a worthless fake. Detective, use the clues to find the culprit!

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 Sneak is _____

Possible suspects

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

NAME	GEAR	GADGET	HABIT	HAIR COLOR	FEAR
Carmen Sandiego	Glider Pack	Stun Net	Wears Right Glove	Blonde Hair	Afraid Of Spiders
Lara Croft	Torch Light	Decoy Whistle	Wears Right Glove	Brown Hair	Afraid Of Bats
Ruby Roundhouse	Compass Watch	Signal Flare	Wears Left Glove	Black Hair	Afraid Of Snakes
Zack Martin	Torch Light	Decoy Whistle	Wears Right Glove	Blonde Hair	Afraid Of Spiders
Nathan Drake	Grappling Hook	Decoy Whistle	Wears Right Glove	Brown Hair	Afraid Of Bats
Nia Brooks	Compass Watch	Flash Powder	Wears Right Glove	Blonde Hair	Afraid Of Spiders
Carlos Ray	Rope Ladder	Smoke Bomb	Wears Left Glove	Blonde Hair	Afraid Of Spiders
Sam Swift	Grappling Hook	Smoke Bomb	Wears Right Glove	Blonde Hair	Afraid Of Snakes
Diego Marquez	Compass Watch	Decoy Whistle	Wears Left Glove	Blonde Hair	Afraid Of Spiders
Victor Sullivan	Grappling Hook	Decoy Whistle	Wears Right Glove	Brown Hair	Afraid Of Spiders
Maya Cruz	Grappling Hook	Smoke Bomb	Wears Left Glove	Blonde Hair	Afraid Of Snakes
Elena Fisher	Grappling Hook	Flash Powder	Wears Left Glove	Blonde Hair	Afraid Of Snakes
Waldo Searcher	Compass Watch	Decoy Whistle	Wears Right Glove	Black Hair	Afraid Of Spiders
Jack Hunter	Compass Watch	Decoy Whistle	Wears Left Glove	Black Hair	Afraid Of Snakes
Dr Smolder	Rope Ladder	Flash Powder	Wears Left Glove	Brown Hair	Afraid Of Bats
Ron Stoppable	Grappling Hook	Smoke Bomb	Wears Left Glove	Blonde Hair	Afraid Of Bats
Indiana Jones	Glider Pack	Flash Powder	Wears Right Glove	Blonde Hair	Afraid Of Spiders
Dora Marquez	Glider Pack	Decoy Whistle	Wears Left Glove	Brown Hair	Afraid Of Spiders
Frankie Stein	Compass Watch	Smoke Bomb	Wears Right Glove	Blonde Hair	Afraid Of Spiders
Sly Cooper	Compass Watch	Signal Flare	Wears Right Glove	Blonde Hair	Afraid Of Snakes
Leo Vance	Glider Pack	Signal Flare	Wears Right Glove	Blonde Hair	Afraid Of Spiders

CLUE 1

We counted all the ancient gold coins found near the temple entrance to build our suspect map.

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

334 876 731 326 727 899 899 810 727 821 422 727 422 821 355 334 202 257 731

592 899 810 257 876 478 355 793 422 731 349

$$172 + 162 = \boxed{} \rightarrow \boxed{\text{T}}$$

$490 + 409 = \boxed{} \rightarrow \boxed{\text{L}}$

$399 + 332 = \boxed{} \rightarrow \boxed{\text{E}}$

$$329 + 398 = \boxed{} \rightarrow \boxed{}$$

$$158 + 320 = \boxed{} \rightarrow \boxed{\text{P}}$$

$175 + 247 = \boxed{} \rightarrow \boxed{\text{D}}$

$$530 + 263 = \boxed{} \rightarrow \boxed{\text{W}}$$

$$200 + 155 = \boxed{} \rightarrow \boxed{\text{O}}$$

$113 + 89 = \boxed{} \rightarrow \boxed{\text{U}}$

$562 + 259 = \boxed{} \rightarrow \boxed{\text{N}}$

$297 + 295 = \boxed{} \rightarrow \boxed{\text{F}}$

$104 + 245 = \boxed{} \rightarrow \boxed{\text{R}}$

$468 + 342 = \boxed{} \rightarrow \boxed{\text{A}}$

$132 + 125 = \boxed{} \rightarrow \boxed{\text{S}}$

$$346 + 530 = \boxed{} \rightarrow \boxed{\text{H}}$$

$$97 + 229 = \boxed{} \rightarrow \boxed{\mathbf{V}}$$

Scratch space:

CLUE 2 Place value

The digital lock box showed numbers in thousands, hundreds, and tens to reveal a code.

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

W									W								
700	20	80	300	1000	9000	9000	9000	6000	700	6000	4000	7000	40	5000	1000	40	300
80	3000	1000	10	20	4000	3000	80	3000	6000	300	30						

What is the value of the 7 in 791?

→ **W**

What is the value of the 4 in 6,546?

→ **O**

What is the value of the 8 in 487?

→ **T**

What is the value of the 3 in 395?

→ **N**

What is the value of the 4 in 24,759?

→ **G**

What is the value of the 3 in 931?

→ **D**

What is the value of the 1 in 513?

→ **R**

What is the value of the 3 in 93,407?

→ **H**

What is the value of the 7 in 7,050?

→ **L**

What is the value of the 9 in 89,152?

→ **S**

What is the value of the 2 in 5,121?

→ **I**

What is the value of the 6 in 6,551?

→ **A**

What is the value of the 5 in 5,376?

→ **V**

What is the value of the 1 in 1,268?

→ **E**

Scratch space:

CLUE 3
Subtraction

We checked how many stone torches were left burning after the thief ran away.

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

T																			
413	883	367	896	595	596	596	751	595	447	577	883	787	751	447	237	877	751	334	237

752	787	289	878	577	436	595	382	367	787	577

$438 - 25 = \square \rightarrow \boxed{\text{T}}$

$363 - 29 = \square \rightarrow \boxed{\text{C}}$

$791 - 344 = \square \rightarrow \boxed{\text{N}}$

$891 - 296 = \square \rightarrow \boxed{\text{I}}$

$550 - 261 = \square \rightarrow \boxed{\text{O}}$

$1231 - 354 = \square \rightarrow \boxed{\text{B}}$

$944 - 66 = \square \rightarrow \boxed{\text{M}}$

$1052 - 156 = \square \rightarrow \boxed{\text{V}}$

$1063 - 180 = \square \rightarrow \boxed{\text{H}}$

$622 - 186 = \square \rightarrow \boxed{\text{P}}$

$1168 - 381 = \square \rightarrow \boxed{\text{R}}$

$784 - 33 = \square \rightarrow \boxed{\text{A}}$

$637 - 400 = \square \rightarrow \boxed{\text{K}}$

$719 - 123 = \square \rightarrow \boxed{\text{L}}$

$396 - 14 = \square \rightarrow \boxed{\text{D}}$

$523 - 156 = \square \rightarrow \boxed{\text{E}}$

$587 - 10 = \square \rightarrow \boxed{\text{S}}$

$1030 - 278 = \square \rightarrow \boxed{\text{F}}$

Scratch space:

CLUE 4 Word problems

The expedition notes contained clues about how the explorer packed supplies.

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

A strand of B A I R hair turned up at the scene.

There were 41 ruby gems. 7 were used up. How many ruby gems are left?

Answer: → **B**

There were 17 ruby gems. 6 were used up. How many ruby gems are left?

Answer: → **E**

Explorer found 5 climbing ropes yesterday and 12 more today. How many climbing ropes in all?

Answer: → **L**

Explorer found 32 wooden torches yesterday and 26 more today. How many wooden torches in all?

Answer: → **D**

There were 26 canteen flasks. 19 were used up. How many canteen flasks are left?

Answer: → **N**

Explorer found 2 canteen flasks yesterday and 29 more today. How many canteen flasks in all?

Answer: →

Explorer lined up 2 rows of 3 ruby gems. How many ruby gems in all?

Answer: → **H**

Scratch space:

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

We divided the ancient clay jars equally among our supply crates to inspect them.

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:

$48 \div 6 = \boxed{}$

$63 \div 9 = \boxed{}$

$6 \div 6 = \boxed{}$

$20 \div 2 = \boxed{}$

$40 \div 10 = \boxed{}$

$33 \div 3 = \boxed{}$

$27 \div 9 = \boxed{}$

$50 \div 10 = \boxed{}$

$12 \div 6 = \boxed{}$

$36 \div 3 = \boxed{}$

$90 \div 10 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain navigated past the maze traps, then dropped a smoke bomb to escape.
2. The villain soared across the deep chasm, then blew a decoy whistle to distract guards.
3. The villain climbed down into the hidden chamber, then dropped a smoke bomb to escape.
4. The villain hooked a rope onto the high ledge, then dropped a smoke bomb to escape.
5. The villain hooked a rope onto the high ledge, then threw flash powder into the air.
6. The villain lit up the dark stone hallway, then blew a decoy whistle to distract guards.
7. The villain soared across the deep chasm, then shot a stun net at the door.
8. The villain soared across the deep chasm, then fired a signal flare into the sky.
9. The villain navigated past the maze traps, then threw flash powder into the air.
10. The villain climbed down into the hidden chamber, then threw flash powder into the air.
11. The villain climbed down into the hidden chamber, then shot a stun net at the door.
12. The villain navigated past the maze traps, then fired a signal flare into the sky.

Answer Key

Mystery of the Golden Monkey Statue

Culprit: Zack Martin

Torch Light · Decoy Whistle · Wears Right Glove · Blonde Hair · Afraid Of Spiders

Trail: Start 21 → Clue 1 17 → Clue 2 10 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE VILLAIN DID NOT USE FLASH POWDER"

$172 + 162 = 334$ (T) · $490 + 409 = 899$ (L) · $399 + 332 = 731$ (E) · $329 + 398 = 727$ (I) · $158 + 320 = 478$ (P) · $175 + 247 = 422$ (D) · $530 + 263 = 793$ (W) · $200 + 155 = 355$ (O) · $113 + 89 = 202$ (U) · $562 + 259 = 821$ (N) · $297 + 295 = 592$ (F) · $104 + 245 = 349$ (R) · $468 + 342 = 810$ (A) · $132 + 125 = 257$ (S) · $346 + 530 = 876$ (H) · $97 + 229 = 326$ (V)

Clue 2 (Place value): "WITNESS SAW A GLOVE ON THE RIGHT HAND"

What is the value of the 7 in 791? = 700 (W) · What is the value of the 4 in 6,546? = 40 (O) · What is the value of the 8 in 487? = 80 (T) · What is the value of the 3 in 395? = 300 (N) · What is the value of the 4 in 24,759? = 4000 (G) · What is the value of the 3 in 931? = 30 (D) · What is the value of the 1 in 513? = 10 (R) · What is the value of the 3 in 93,407? = 3000 (H) · What is the value of the 7 in 7,050? = 7000 (L) · What is the value of the 9 in 89,152? = 9000 (S) · What is the value of the 2 in 5,121? = 20 (I) · What is the value of the 6 in 6,551? = 6000 (A) · What is the value of the 5 in 5,376? = 5000 (V) · What is the value of the 1 in 1,268? = 1000 (E)

Clue 3 (Subtraction): "THE VILLAIN SHRANK BACK FROM SPIDERS"

$438 - 25 = 413$ (T) · $363 - 29 = 334$ (C) · $791 - 344 = 447$ (N) · $891 - 296 = 595$ (I) · $550 - 261 = 289$ (O) · $1231 - 354 = 877$ (B) · $944 - 66 = 878$ (M) · $1052 - 156 = 896$ (V) · $1063 - 180 = 883$ (H) · $622 - 186 = 436$ (P) · $1168 - 381 = 787$ (R) · $784 - 33 = 751$ (A) · $637 - 400 = 237$ (K) · $719 - 123 = 596$ (L) · $396 - 14 = 382$ (D) · $523 - 156 = 367$ (E) · $587 - 10 = 577$ (S) · $1030 - 278 = 752$ (F)

Clue 4 (Word problems): "BLONDE HAIR"

There were 41 ruby gems. 7 were used up. How many ruby gems are left? = 34 (B) · There were 17 ruby gems. 6 were used up. How many ruby gems are left? = 11 (E) · Explorer found 5 climbing ropes yesterday and 12 more today. How many climbing ropes in all? = 17 (L) · Explorer found 32 wooden torches yesterday and 26 more today. How many wooden torches in all? = 58 (D) · There were 26 canteen flasks. 19 were used up. How many canteen flasks are left? = 7 (N) · Explorer found 2 canteen flasks yesterday and 29 more today. How many canteen flasks in all? = 31 (O) · Explorer lined up 2 rows of 3 ruby gems. How many ruby gems in all? = 6 (H)

Clue 5 (Division facts (1-12)): surviving statement is box 6 → Zack Martin

$48 \div 6 = 8$ · $63 \div 9 = 7$ · $6 \div 6 = 1$ · $20 \div 2 = 10$ · $40 \div 10 = 4$ · $33 \div 3 = 11$ · $27 \div 9 = 3$ · $50 \div 10 = 5$ · $12 \div 6 = 2$ · $36 \div 3 = 12$ · $90 \div 10 = 9$