The Lost Sapphire of Jungle Peak

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

Detective: _____ **Date:** _____

During an expedition on Jungle Peak Island, someone sneaked into camp and stole the ancient Sapphire Map! Use your detective skills to figure out who did it.

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 Sneaky Saboteur is _____

Possible suspects

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

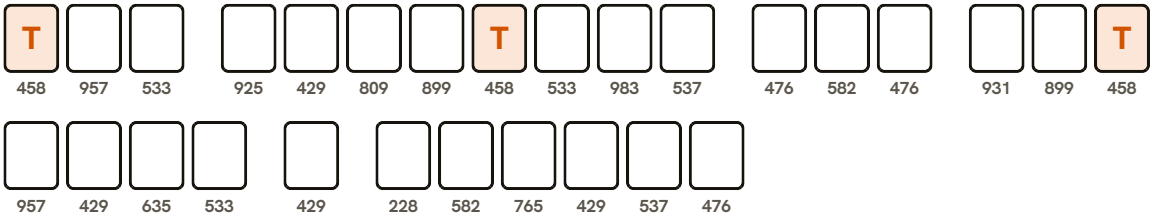
NAME	SPECIAL GEAR	ANIMAL COMPANION	DOMINANT HAND	HAT STYLE	WEAKNESS
Scout Finn	Map Compass	Owl	Right Handed	Brown Felt	Bright Lights
Ranger Ivy	Hook Claw	Owl	Right Handed	Olive Green	Cold Water
Scout Ben	Map Compass	Fox	Left Handed	Brown Felt	Bright Lights
Hiker Nina	Solar Torch	Owl	Right Handed	Tan Straw	Bright Lights
Nav Rex	Rope Launcher	Owl	Left Handed	Brown Felt	Bright Lights
Adventurer Eli	Rope Launcher	Monkey	Right Handed	Tan Straw	Bright Lights
Guide Dax	Hook Claw	Monkey	Right Handed	Brown Felt	Cold Water
Tracker Zoe	Solar Torch	Fox	Left Handed	Brown Felt	Bright Lights
Climber Max	Rope Launcher	Fox	Right Handed	Brown Felt	Cold Water
Dr Chloe	Solar Torch	Owl	Left Handed	Tan Straw	Bright Lights
Guide Otis	Solar Torch	Monkey	Left Handed	Brown Felt	Cold Water
Pilot Tess	Smoke Bomb	Parrot	Right Handed	Brown Felt	Bright Lights
Professor Hugh	Smoke Bomb	Parrot	Right Handed	Brown Felt	Loud Drums
Captain Leo	Solar Torch	Owl	Left Handed	Olive Green	Cold Water
Ranger Sam	Smoke Bomb	Owl	Left Handed	Brown Felt	Bright Lights
Nav Jack	Solar Torch	Monkey	Right Handed	Olive Green	Bright Lights
Pilot Nora	Rope Launcher	Lizard	Right Handed	Brown Felt	Cold Water
Professor Ray	Rope Launcher	Owl	Left Handed	Brown Felt	Loud Drums
Hiker Ruby	Solar Torch	Fox	Right Handed	Olive Green	Cold Water
Climber Tara	Hook Claw	Lizard	Left Handed	Brown Felt	Bright Lights
Agent Luke	Map Compass	Fox	Left Handed	Tan Straw	Cold Water

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CLUE 1 Addition

We counted all the ancient gold coins found in the supply tent to uncover our first clue.

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



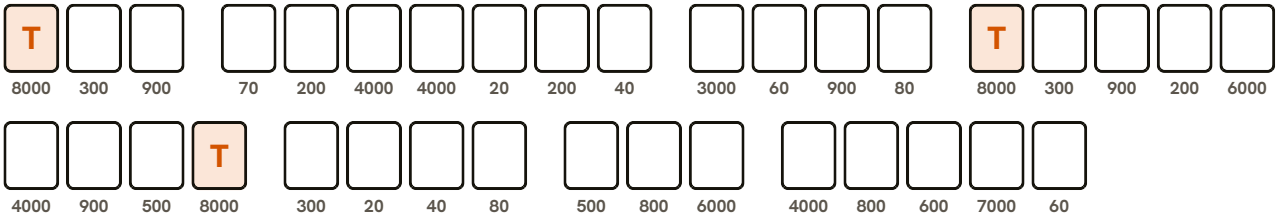
241 + 217 = ☐ → T	559 + 372 = ☐ → N	376 + 607 = ☐ → U
200 + 333 = ☐ → E	399 + 236 = ☐ → V	321 + 604 = ☐ → S
384 + 198 = ☐ → I	553 + 256 = ☐ → B	146 + 283 = ☐ → A
285 + 191 = ☐ → D	429 + 528 = ☐ → H	102 + 126 = ☐ → L
433 + 466 = ☐ → O	319 + 218 = ☐ → R	442 + 323 = ☐ → Z

Scratch space:

CLUE 2 Rounding

The expedition radar gives distances rounded to the nearest ten meters.

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



Round 7,877 to the nearest thousand ☐ → **T**

Round 67 to the nearest ten ☐ → **V**

Round 6,969 to the nearest thousand ☐ → **K**

Round 641 to the nearest hundred ☐ → **C**

Round 38 to the nearest ten ☐ → **N**

Round 507 to the nearest hundred ☐ → **F**

Round 4,398 to the nearest thousand ☐ → **L**

Round 21 to the nearest ten ☐ → **A**

Round 287 to the nearest hundred ☐ → **H**

Round 933 to the nearest hundred ☐ → **E**

Round 78 to the nearest ten ☐ → **D**

Round 5,890 to the nearest thousand ☐ → **R**

Round 64 to the nearest ten ☐ → **S**

Round 229 to the nearest hundred ☐ → **I**

Round 3,314 to the nearest thousand ☐ → **U**

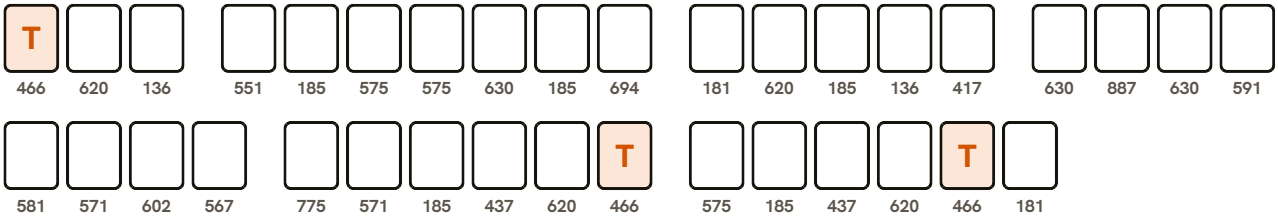
Round 762 to the nearest hundred ☐ → **O**

Scratch space:

CLUE 3 Subtraction

> We calculated how many trail maps remained after the sudden storm destroyed some.

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



678 - 212 = ☐ → **T**

509 - 72 = ☐ → **G**

609 - 18 = ☐ → **Y**

826 - 275 = ☐ → **V**

589 - 14 = ☐ → **L**

352 - 216 = ☐ → **E**

748 - 181 = ☐ → **M**

584 - 167 = ☐ → **D**

558 - 377 = ☐ → **S**

1165 - 278 = ☐ → **W**

641 - 39 = ☐ → **O**

811 - 191 = ☐ → **H**

708 - 14 = ☐ → **N**

534 - 349 = ☐ → **I**

729 - 99 = ☐ → **A**

863 - 88 = ☐ → **B**

907 - 326 = ☐ → **F**

686 - 115 = ☐ → **R**

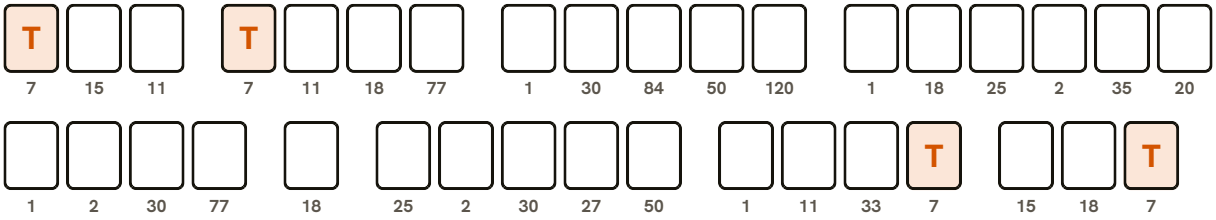
Scratch space:

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CLUE 4 Multiplication facts (1-12)

> We checked the crate inventory arranged in equal rows and columns inside the camp.

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



1 × 7 = ☐ → T	3 × 9 = ☐ → W	5 × 7 = ☐ → I	1 × 1 = ☐ → F
12 × 10 = ☐ → D	12 × 7 = ☐ → U	10 × 5 = ☐ → N	
3 × 6 = ☐ → A	5 × 3 = ☐ → H	11 × 7 = ☐ → M	
3 × 11 = ☐ → L	2 × 1 = ☐ → R	10 × 2 = ☐ → C	
5 × 5 = ☐ → B	1 × 11 = ☐ → E	6 × 5 = ☐ → O	

Scratch space:

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

> We divided the remaining emergency rations equally among the scout teams.

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:

5 ÷ 1 = ☐	80 ÷ 8 = ☐	18 ÷ 3 = ☐	32 ÷ 4 = ☐	10 ÷ 10 = ☐
32 ÷ 8 = ☐	77 ÷ 7 = ☐	10 ÷ 5 = ☐	70 ÷ 10 = ☐	3 ÷ 1 = ☐
18 ÷ 2 = ☐				

Step 2 - cross out the sentence with each answer:

1. The villain swung with the hook claw, then petted a fox.
2. The villain dropped a smoke bomb, then petted a fox.
3. The villain checked the map compass, then called an owl.
4. The villain checked the map compass, then signaled a lizard.
5. The villain dropped a smoke bomb, then called an owl.
6. The villain lit the solar torch, then petted a fox.
7. The villain swung with the hook claw, then called an owl.
8. The villain lit the solar torch, then called an owl.
9. The villain fired the rope launcher, then whistled to a parrot.
10. The villain checked the map compass, then petted a fox.
11. The villain checked the map compass, then whistled to a parrot.
12. The villain fired the rope launcher, then called an owl.

TEACHER / PARENT

Answer Key

The Lost Sapphire of Jungle Peak

Culprit: Nav Rex

Rope Launcher · Owl · Left Handed · Brown Felt · Bright Lights

Trail: Start 21 → Clue 1 19 → Clue 2 9 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE SABOTEUR DID NOT HAVE A LIZARD"

241 + 217 = 458 (T) · 559 + 372 = 931 (N) · 376 + 607 = 983 (U) · 200 + 333 = 533 (E) · 399 + 236 = 635 (V) · 321 + 604 = 925 (S) · 384 + 198 = 582 (I) · 553 + 256 = 809 (B) · 146 + 283 = 429 (A) · 285 + 191 = 476 (D) · 429 + 528 = 957 (H) · 102 + 126 = 228 (L) · 433 + 466 = 899 (O) · 319 + 218 = 537 (R) · 442 + 323 = 765 (Z)

Clue 2 (Rounding): "THE VILLAIN USED THEIR LEFT HAND FOR LOCKS"

Round 7,877 to the nearest thousand = 8000 (T) · Round 67 to the nearest ten = 70 (V) · Round 6,969 to the nearest thousand = 7000 (K) · Round 641 to the nearest hundred = 600 (C) · Round 38 to the nearest ten = 40 (N) · Round 507 to the nearest hundred = 500 (F) · Round 4,398 to the nearest thousand = 4000 (L) · Round 21 to the nearest ten = 20 (A) · Round 287 to the nearest hundred = 300 (H) · Round 933 to the nearest hundred = 900 (E) · Round 78 to the nearest ten = 80 (D) · Round 5,890 to the nearest thousand = 6000 (R) · Round 64 to the nearest ten = 60 (S) · Round 229 to the nearest hundred = 200 (I) · Round 3,314 to the nearest thousand = 3000 (U) · Round 762 to the nearest hundred = 800 (O)

Clue 3 (Subtraction): "THE VILLAIN SHIED AWAY FROM BRIGHT LIGHTS"

678 - 212 = 466 (T) · 509 - 72 = 437 (G) · 609 - 18 = 591 (Y) · 826 - 275 = 551 (V) · 589 - 14 = 575 (L) · 352 - 216 = 136 (E) · 748 - 181 = 567 (M) · 584 - 167 = 417 (D) · 558 - 377 = 181 (S) · 1165 - 278 = 887 (W) · 641 - 39 = 602 (O) · 811 - 191 = 620 (H) · 708 - 14 = 694 (N) · 534 - 349 = 185 (I) · 729 - 99 = 630 (A) · 863 - 88 = 775 (B) · 907 - 326 = 581 (F) · 686 - 115 = 571 (R)

Clue 4 (Multiplication facts (1-12)): "THE TEAM FOUND FABRIC FROM A BROWN FELT HAT"

1 × 7 = 7 (T) · 3 × 9 = 27 (W) · 5 × 7 = 35 (I) · 1 × 1 = 1 (F) · 12 × 10 = 120 (D) · 12 × 7 = 84 (U) · 10 × 5 = 50 (N) · 3 × 6 = 18 (A) · 5 × 3 = 15 (H) · 11 × 7 = 77 (M) · 3 × 11 = 33 (L) · 2 × 1 = 2 (R) · 10 × 2 = 20 (C) · 5 × 5 = 25 (B) · 1 × 11 = 11 (E) · 6 × 5 = 30 (O)

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

5 ÷ 1 = 5 · 80 ÷ 8 = 10 · 18 ÷ 3 = 6 · 32 ÷ 4 = 8 · 10 ÷ 10 = 1 · 32 ÷ 8 = 4 · 77 ÷ 7 = 11 · 10 ÷ 5 = 2 · 70 ÷ 10 = 7 · 3 ÷ 1 = 3 · 18 ÷ 2 = 9