Mystery of the Lost Crystal Monkey

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

Detective: _____ **Date:** _____

A sneaky bandit swiped the Golden Monkey Statue from the basecamp museum! Detective, use the jungle clues to track down the thief before they escape on the ferry.

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 Jungle Bandit is _____

Possible suspects

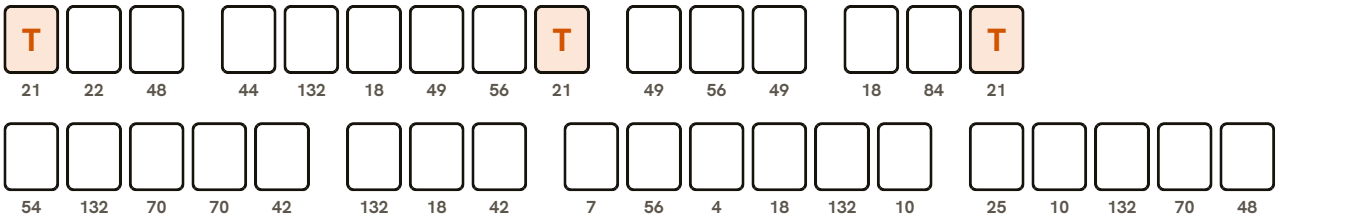
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	GEAR ITEM	SIDE TOOL	DOMINANT HAND	HEADWEAR	JUNGLE HAZARD
Cole Compass	Grappling Hook	Rope Ladder	Left Handed	Red Cap	Flashlight Beam
Ella Echo	Grappling Hook	Water Canteen	Right Handed	Red Cap	Loud Whistle
Leo Pathfinder	Laser Torch	Night Goggles	Left Handed	Blue Bandana	Flashlight Beam
Chloe Canyon	Compass Watch	Map Scroll	Left Handed	Blue Bandana	Loud Whistle
Ben Boulder	Laser Torch	Water Canteen	Right Handed	Red Cap	Net Trap
Finn Forest	Laser Torch	Water Canteen	Right Handed	Red Cap	Flashlight Beam
Zoe Zenith	Paraglider	Water Canteen	Right Handed	Blue Bandana	Flashlight Beam
Owen Outpost	Paraglider	Rope Ladder	Right Handed	Yellow Helmet	Loud Whistle
Alex Explorer	Grappling Hook	Night Goggles	Left Handed	Red Cap	Net Trap
Eli Expedition	Grappling Hook	Signal Flare	Left Handed	Yellow Helmet	Flashlight Beam
Ava Alpine	Compass Watch	Map Scroll	Left Handed	Yellow Helmet	Flashlight Beam
Maya Mapmaker	Grappling Hook	Map Scroll	Right Handed	Blue Bandana	Flashlight Beam
Kai Crater	Paraglider	Water Canteen	Right Handed	Red Cap	Flashlight Beam
Luke Lookout	Grappling Hook	Rope Ladder	Right Handed	Red Cap	Flashlight Beam
Mia Meadow	Grappling Hook	Night Goggles	Left Handed	Red Cap	Loud Whistle
Tara Trail	Paraglider	Water Canteen	Left Handed	Blue Bandana	Loud Whistle
Nora Navigator	Paraglider	Signal Flare	Right Handed	Red Cap	Flashlight Beam
Max Summit	Compass Watch	Map Scroll	Right Handed	Red Cap	Flashlight Beam
Lily Log	Laser Torch	Map Scroll	Right Handed	Blue Bandana	Net Trap
Ruby Ridge	Compass Watch	Signal Flare	Right Handed	Blue Bandana	Net Trap
Ray River	Grappling Hook	Water Canteen	Right Handed	Red Cap	Net Trap

CLUE 1 Multiplication facts (1-12)

> You inspect five crates of gear stored in the supply tent. Count the items grouped in equal rows to decode the first clue!

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



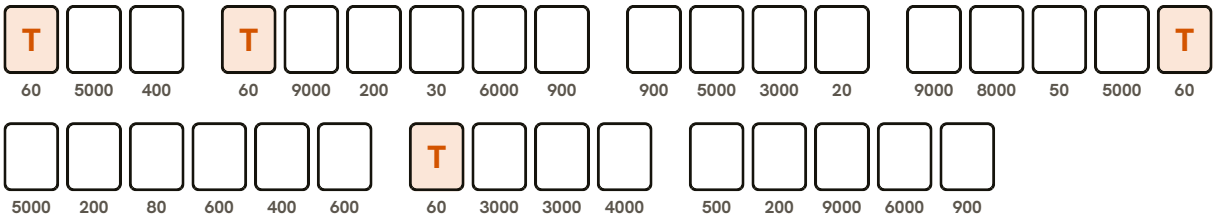
7 × 3 = ☐ → T	11 × 12 = ☐ → A	7 × 7 = ☐ → D
7 × 12 = ☐ → O	1 × 10 = ☐ → L	1 × 4 = ☐ → G
1 × 7 = ☐ → S	7 × 6 = ☐ → Y	11 × 4 = ☐ → B
10 × 7 = ☐ → R	12 × 4 = ☐ → E	6 × 9 = ☐ → C
2 × 11 = ☐ → H	2 × 9 = ☐ → N	7 × 8 = ☐ → I
5 × 5 = ☐ → F		

Scratch space:

CLUE 2 Rounding

> The digital tracker screen only shows rounded distances to the nearest ten. Round the numbers to unlock the second clue.

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



Round 62 to the nearest ten ☐ → **T**

Round 379 to the nearest hundred ☐ → **E**

Round 5,485 to the nearest thousand ☐ → **H**

Round 52 to the nearest ten ☐ → **G**

Round 529 to the nearest hundred ☐ → **M**

Round 857 to the nearest hundred ☐ → **S**

Round 3,707 to the nearest thousand ☐ → **L**

Round 16 to the nearest ten ☐ → **W**

Round 231 to the nearest hundred ☐ → **A**

Round 565 to the nearest hundred ☐ → **D**

Round 8,407 to the nearest thousand ☐ → **I**

Round 6,345 to the nearest thousand ☐ → **K**

Round 3,432 to the nearest thousand ☐ → **O**

Round 8,987 to the nearest thousand ☐ → **R**

Round 26 to the nearest ten ☐ → **C**

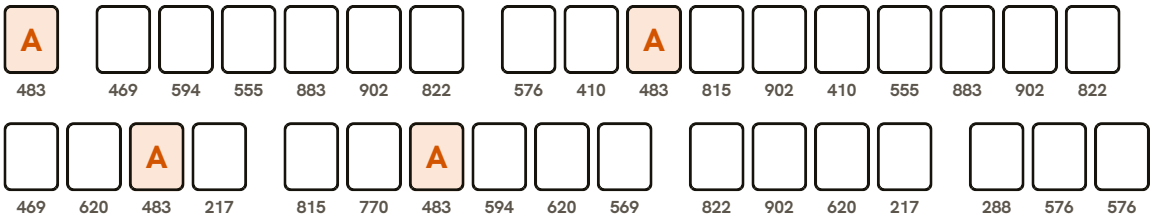
Round 79 to the nearest ten ☐ → **N**

Scratch space:

CLUE 3 Addition

> You combine the total number of footprints found along the muddy riverbank. Add them together to reveal the third clue!

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



160 + 323 = ☐ → A

85 + 132 = ☐ → M

536 + 347 = ☐ → G

167 + 121 = ☐ → O

373 + 247 = ☐ → E

221 + 248 = ☐ → B

328 + 266 = ☐ → R

464 + 358 = ☐ → T

369 + 207 = ☐ → F

439 + 331 = ☐ → C

268 + 142 = ☐ → L

239 + 330 = ☐ → D

384 + 518 = ☐ → H

313 + 502 = ☐ → S

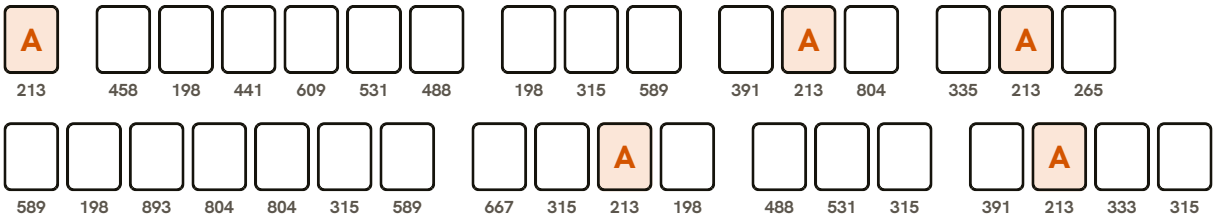
310 + 245 = ☐ → I

Scratch space:

CLUE 4 Subtraction

> Subtract the missing trail markers from the original total to find out how many remain. Solve this to get the fourth clue!

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



224 - 11 = ☐ → **A**

705 - 264 = ☐ → **I**

331 - 16 = ☐ → **E**

616 - 351 = ☐ → **S**

817 - 228 = ☐ → **D**

690 - 299 = ☐ → **C**

545 - 87 = ☐ → **B**

730 - 395 = ☐ → **W**

1064 - 260 = ☐ → **P**

743 - 134 = ☐ → **G**

805 - 274 = ☐ → **H**

528 - 330 = ☐ → **R**

1084 - 191 = ☐ → **O**

916 - 249 = ☐ → **N**

690 - 357 = ☐ → **V**

588 - 100 = ☐ → **T**

Scratch space:

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

Divide the remaining fruit rations equally among the search teams. Share them out to discover 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:

10 ÷ 10 = ☐	42 ÷ 7 = ☐	8 ÷ 4 = ☐	54 ÷ 6 = ☐	48 ÷ 6 = ☐
28 ÷ 7 = ☐	35 ÷ 5 = ☐	12 ÷ 1 = ☐	25 ÷ 5 = ☐	10 ÷ 1 = ☐
99 ÷ 9 = ☐				

Step 2 - cross out the sentence with each answer:

1. The villain glided over the trees with a paraglider, then drank cold water from a water canteen.
2. The villain swung across the canyon with a grappling hook, then climbed down the cliff with a rope ladder.
3. The villain cut through thick vines with a laser torch, then drank cold water from a water canteen.
4. The villain checked the trail using a compass watch, then lit up the sky with a signal flare.
5. The villain cut through thick vines with a laser torch, then spotted footprints with night goggles.
6. The villain checked the trail using a compass watch, then marked the path on a map scroll.
7. The villain vanished in smoke using a smoke bomb, then climbed down the cliff with a rope ladder.
8. The villain glided over the trees with a paraglider, then marked the path on a map scroll.
9. The villain swung across the canyon with a grappling hook, then lit up the sky with a signal flare.
10. The villain cut through thick vines with a laser torch, then climbed down the cliff with a rope ladder.
11. The villain glided over the trees with a paraglider, then spotted footprints with night goggles.
12. The villain cut through thick vines with a laser torch, then lit up the sky with a signal flare.

TEACHER / PARENT

Answer Key

Mystery of the Lost Crystal Monkey

Culprit: Finn Forest

Laser Torch · Water Canteen · Right Handed · Red Cap · Flashlight Beam

Trail: Start 21 → Clue 1 18 → Clue 2 11 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Multiplication facts (1-12)): "THE BANDIT DID NOT CARRY ANY SIGNAL FLARE"

7 × 3 = 21 (T) · 11 × 12 = 132 (A) · 7 × 7 = 49 (D) · 7 × 12 = 84 (O) · 1 × 10 = 10 (L) · 1 × 4 = 4 (G) · 1 × 7 = 7 (S) · 7 × 6 = 42 (Y) · 11 × 4 = 44 (B) · 10 × 7 = 70 (R) · 12 × 4 = 48 (E) · 6 × 9 = 54 (C) · 2 × 11 = 22 (H) · 2 × 9 = 18 (N) · 7 × 8 = 56 (I) · 5 × 5 = 25 (F)

Clue 2 (Rounding): "THE TRACKS SHOW RIGHT HANDED TOOL MARKS"

Round 62 to the nearest ten = 60 (T) · Round 379 to the nearest hundred = 400 (E) · Round 5,485 to the nearest thousand = 5000 (H) · Round 52 to the nearest ten = 50 (G) · Round 529 to the nearest hundred = 500 (M) · Round 857 to the nearest hundred = 900 (S) · Round 3,707 to the nearest thousand = 4000 (L) · Round 16 to the nearest ten = 20 (W) · Round 231 to the nearest hundred = 200 (A) · Round 565 to the nearest hundred = 600 (D) · Round 8,407 to the nearest thousand = 8000 (I) · Round 6,345 to the nearest thousand = 6000 (K) · Round 3,432 to the nearest thousand = 3000 (O) · Round 8,987 to the nearest thousand = 9000 (R) · Round 26 to the nearest ten = 30 (C) · Round 79 to the nearest ten = 80 (N)

Clue 3 (Addition): "A BRIGHT FLASHLIGHT BEAM SCARED THEM OFF"

160 + 323 = 483 (A) · 85 + 132 = 217 (M) · 536 + 347 = 883 (G) · 167 + 121 = 288 (O) · 373 + 247 = 620 (E) · 221 + 248 = 469 (B) · 328 + 266 = 594 (R) · 464 + 358 = 822 (T) · 369 + 207 = 576 (F) · 439 + 331 = 770 (C) · 268 + 142 = 410 (L) · 239 + 330 = 569 (D) · 384 + 518 = 902 (H) · 313 + 502 = 815 (S) · 310 + 245 = 555 (I)

Clue 4 (Subtraction): "A BRIGHT RED CAP WAS DROPPED NEAR THE CAVE"

224 - 11 = 213 (A) · 705 - 264 = 441 (I) · 331 - 16 = 315 (E) · 616 - 351 = 265 (S) · 817 - 228 = 589 (D) · 690 - 299 = 391 (C) · 545 - 87 = 458 (B) · 730 - 395 = 335 (W) · 1064 - 260 = 804 (P) · 743 - 134 = 609 (G) · 805 - 274 = 531 (H) · 528 - 330 = 198 (R) · 1084 - 191 = 893 (O) · 916 - 249 = 667 (N) · 690 - 357 = 333 (V) · 588 - 100 = 488 (T)

Clue 5 (Division facts (1-12)): surviving statement is box 3 → Finn Forest

10 ÷ 10 = 1 · 42 ÷ 7 = 6 · 8 ÷ 4 = 2 · 54 ÷ 6 = 9 · 48 ÷ 6 = 8 · 28 ÷ 7 = 4 · 35 ÷ 5 = 7 · 12 ÷ 1 = 12 · 25 ÷ 5 = 5 · 10 ÷ 1 = 10 · 99 ÷ 9 = 11