



The Case of the Missing Jungle Map

Grade 1 math · Addition, Subtraction, Skip counting, Place value, Missing addends · Reading level grades 1-2

Detective: _____ **Date:** _____

Someone snuck into camp and took the secret jungle map! The Jungle Patrol needs your help to look for tracks, solve math clues, and find out who took the map.

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	GADGET	VEHICLE	STANCE	BANDANA COLOR	FEAR
Chloe	Compass Watch	Tree Skimmer	Right Handed	Gold Bandana	Loud Whistles
Ava	Smoke Bomb	Zip Harness	Left Handed	Gold Bandana	Loud Whistles
Luke	Smoke Bomb	River Raft	Right Handed	Gold Bandana	Loud Whistles
Aria	Grappling Hook	Tree Skimmer	Right Handed	Blue Bandana	Squeaky Toys
Noah	Smoke Bomb	Jungle Glider	Left Handed	Gold Bandana	Bright Lights
Finn	Compass Watch	River Raft	Right Handed	Gold Bandana	Loud Whistles
Maya	Net Launcher	Jungle Glider	Left Handed	Red Bandana	Squeaky Toys
Liam	Flashlight Beam	River Raft	Left Handed	Gold Bandana	Loud Whistles
Eli	Grappling Hook	Tree Skimmer	Left Handed	Red Bandana	Bright Lights
Toby	Net Launcher	Zip Harness	Left Handed	Blue Bandana	Bright Lights
Owen	Grappling Hook	Jungle Glider	Right Handed	Blue Bandana	Squeaky Toys
Zoe	Grappling Hook	Zip Harness	Left Handed	Red Bandana	Squeaky Toys
Lily	Grappling Hook	River Raft	Right Handed	Blue Bandana	Loud Whistles
Max	Flashlight Beam	Mud Buggy	Right Handed	Gold Bandana	Loud Whistles
Ivy	Grappling Hook	Mud Buggy	Right Handed	Red Bandana	Loud Whistles
Grace	Smoke Bomb	Zip Harness	Right Handed	Gold Bandana	Loud Whistles
Sam	Net Launcher	Zip Harness	Left Handed	Red Bandana	Bright Lights
Ben	Grappling Hook	Tree Skimmer	Left Handed	Blue Bandana	Squeaky Toys
Ruby	Net Launcher	Tree Skimmer	Right Handed	Gold Bandana	Squeaky Toys
Nora	Flashlight Beam	Mud Buggy	Right Handed	Gold Bandana	Bright Lights
Leo	Net Launcher	Tree Skimmer	Left Handed	Blue Bandana	Squeaky Toys

CLUE 1

Addition

Ranger Maya counts the track footprints in the mud to start the hunt.

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

T									T										T
11	5	14	15	19	13	8	12	11	8	17	14	3	13	17	11				
18	12	8	14	19	11	18	14	14	3	9	12	7	7	14	18				

$5 + 6 = \square \rightarrow \text{ T }$

$8 + 4 = \square \rightarrow \text{ I }$

$11 + 8 = \square \rightarrow \text{ A }$

$7 + 8 = \square \rightarrow \text{ B }$

$7 + 6 = \square \rightarrow \text{ N }$

$8 + 9 = \square \rightarrow \text{ O }$

$3 + 6 = \square \rightarrow \text{ K }$

$5 + 3 = \square \rightarrow \text{ D }$

$12 + 6 = \square \rightarrow \text{ R }$

$2 + 3 = \square \rightarrow \text{ H }$

$2 + 1 = \square \rightarrow \text{ S }$

$5 + 9 = \square \rightarrow \text{ E }$

$3 + 4 = \square \rightarrow \text{ M }$

Scratch space:

CLUE 2

Subtraction

Ranger Leo checks the supply bag to see how many snacks are left.

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

T								T					T						
7	13	11	9	16	19	10	15	7	13	11	3	10	7	13	11	1	16	6	
		T		T									T						
17	15	7	13	7	13	11	15	5	5	15	4	13	7	13	16	19	10		

$12 - 5 = \square \rightarrow \boxed{\text{T}}$

$20 - 1 = \square \rightarrow \boxed{\text{N}}$

$7 - 1 = \square \rightarrow \boxed{\text{P}}$

$19 - 2 = \square \rightarrow \boxed{\text{W}}$

$11 - 6 = \square \rightarrow \boxed{\text{R}}$

$17 - 1 = \square \rightarrow \boxed{\text{A}}$

$20 - 5 = \square \rightarrow \boxed{\text{I}}$

$19 - 8 = \square \rightarrow \boxed{\text{E}}$

$12 - 3 = \square \rightarrow \boxed{\text{B}}$

$13 - 9 = \square \rightarrow \boxed{\text{G}}$

$9 - 8 = \square \rightarrow \boxed{\text{M}}$

$16 - 6 = \square \rightarrow \boxed{\text{D}}$

$15 - 2 = \square \rightarrow \boxed{\text{H}}$

$8 - 5 = \square \rightarrow \boxed{\text{L}}$

Scratch space:

CLUE 3

S

Diagram illustrating a sequence of numbers arranged in two rows of boxes. The top row contains 13 boxes, and the bottom row contains 13 boxes. The boxes are arranged in two groups of 6 and 7 boxes each. The top row has boxes with values 130, 70, 39, 60, 8, 28, 21, 30, 130, 14, 12, 15, 39, 25, 39, 21, 39, 8, 25, 110. The bottom row has boxes with values 8, 130, 8, 120, 12, 33, 21, 9, 70, 30, 110, 130, 120, 39. The boxes with the value 130 are highlighted in orange and labeled 'T'.

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, __, 140, 150 → **T**

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, __, 42, 45 → **E**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, __, 24, 27 → **D**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, __, 36, 39 → **U**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, __, 130, 140 → **L**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, __, 30, 35 → **R**

Skip-count by 5s. Fill the blank: 5, 10, __, 20, 25 → **V**

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, __, 65, 70 → **B**

Skip-count by 10s. Fill the blank: 10, 20, __, 40, 50 →

Skip-count by 2s. Fill the blank: 2, 4, 6, __, 10, 12 → **A**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, __, 75, 80 → **H**

Skip-count by 3s. Fill the blank: 3, 6, __, 12, 15 → **W**

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, __, 14, 16 → **O**

Scratch space:

CLUE 4
Place value

Ranger Max reads the tens and ones on the locked camp chest.

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

G																		
62	70	80	97	30	80	70	42	95	73	32	43	53	70	92	19	97	70	19
				G														
32	74	92	19	62	80	33	98	99	32	19	30	95						

What number has 6 tens and 2 ones? → **G**

What number has 9 tens and 2 ones? → **U**

What number has 4 tens and 3 ones? → **S**

What number has 7 tens and 4 ones? → **J**

What number has 3 tens and 2 ones? → **A**

What number has 4 tens and 2 ones? → **T**

What number has 3 tens and 3 ones? → **E**

What number has 9 tens and 8 ones? → **B**

What number has 3 tens and 0 ones? → **C**

What number has 8 tens and 0 ones? → **L**

What number has 9 tens and 9 ones? → **R**

What number has 5 tens and 3 ones? → **F**

What number has 7 tens and 0 ones? → **O**

What number has 7 tens and 3 ones? → **W**

What number has 1 ten and 9 ones? → **N**

What number has 9 tens and 5 ones? → **H**

What number has 9 tens and 7 ones? → **D**

Scratch space:

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

Ranger Ava finds out how many map pieces are needed to finish the puzzle.

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:

$8 + \underline{\quad} = 20$

$3 + \underline{\quad} = 6$

$6 + \underline{\quad} = 10$

$10 + \underline{\quad} = 17$

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

$7 + \underline{\quad} = 18$

$10 + \underline{\quad} = 11$

$3 + \underline{\quad} = 13$

$10 + \underline{\quad} = 16$

$1 + \underline{\quad} = 10$

$6 + \underline{\quad} = 11$

Step 2 - cross out the sentence with each answer:

1. The villain shined a flashlight beam, then zoomed off on a tree skimmer.
2. The villain fired a net launcher, then zipped off in a zip harness.
3. The villain dropped a smoke bomb, then paddled away on a river raft.
4. The villain shined a flashlight beam, then sped off in a mud buggy.
5. The villain fired a net launcher, then zoomed off on a tree skimmer.
6. The villain checked a compass watch, then soared away on a jungle glider.
7. The villain dropped a smoke bomb, then sped off in a mud buggy.
8. The villain checked a compass watch, then paddled away on a river raft.
9. The villain launched a grappling hook, then soared away on a jungle glider.
10. The villain fired a net launcher, then sped off in a mud buggy.
11. The villain shined a flashlight beam, then paddled away on a river raft.
12. The villain dropped a smoke bomb, then zipped off in a zip harness.

Answer Key

The Case of the Missing Jungle Map

Culprit: Finn

Compass Watch · River Raft · Right Handed · Gold Bandana · Loud Whistles

Trail: Start 21 → Clue 1 15 → Clue 2 8 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE BANDIT DOES NOT RIDE A TREE SKIMMER"

$5 + 6 = 11$ (T) · $8 + 4 = 12$ (I) · $11 + 8 = 19$ (A) · $7 + 8 = 15$ (B) · $7 + 6 = 13$ (N) · $8 + 9 = 17$ (O) · $3 + 6 = 9$ (K) · $5 + 3 = 8$ (D) · $12 + 6 = 18$ (R) · $2 + 3 = 5$ (H) · $2 + 1 = 3$ (S) · $5 + 9 = 14$ (E) · $3 + 4 = 7$ (M)

Clue 2 (Subtraction): "THE BANDIT HELD THE MAP WITH THEIR RIGHT HAND"

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

Clue 3 (Skip counting): "THE BANDIT COVERED EARS AT A LOUD WHISTLE"

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, __, 140, 150 = 130 (T) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, __, 30, 32 = 28 (N) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, __, 42, 45 = 39 (E) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, __, 24, 27 = 21 (D) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, __, 36, 39 = 33 (U) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, __, 130, 140 = 120 (L) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, __, 30, 35 = 25 (R) · Skip-count by 5s. Fill the blank: 5, 10, __, 20, 25 = 15 (V) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, __, 120, 130 = 110 (S) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, __, 65, 70 = 60 (B) · Skip-count by 10s. Fill the blank: 10, 20, __, 40, 50 = 30 (I) · Skip-count by 2s. Fill the blank: 2, 4, 6, __, 10, 12 = 8 (A) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, __, 75, 80 = 70 (H) · Skip-count by 3s. Fill the blank: 3, 6, __, 12, 15 = 9 (W) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, __, 16, 18 = 14 (C) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, __, 14, 16 = 12 (O)

Clue 4 (Place value): "GOLD CLOTH WAS FOUND ON A JUNGLE BRANCH"

What number has 6 tens and 2 ones? = 62 (G) · What number has 9 tens and 2 ones? = 92 (U) · What number has 4 tens and 3 ones? = 43 (S) · What number has 7 tens and 4 ones? = 74 (J) · What number has 3 tens and 2 ones? = 32 (A) · What number has 4 tens and 2 ones? = 42 (T) · What number has 3 tens and 3 ones? = 33 (E) · What number has 9 tens and 8 ones? = 98 (B) · What number has 3 tens and 0 ones? = 30 (C) · What number has 8 tens and 0 ones? = 80 (L) · What number has 9 tens and 9 ones? = 99 (R) · What number has 5 tens and 3 ones? = 53 (F) · What number has 7 tens and 0 ones? = 70 (O) · What number has 7 tens and 3 ones? = 73 (W) · What number has 1 ten and 9 ones? = 19 (N) · What number has 9 tens and 5 ones? = 95 (H) · What number has 9 tens and 7 ones? = 97 (D)

Clue 5 (Missing addends): surviving statement is box 8 → Finn

$8 + \underline{\quad} = 20 = 12$ · $3 + \underline{\quad} = 6 = 3$ · $6 + \underline{\quad} = 10 = 4$ · $10 + \underline{\quad} = 17 = 7$ · $5 + \underline{\quad} = 7 = 2$ · $7 + \underline{\quad} = 18 = 11$ · $10 + \underline{\quad} = 11 = 1$ · $3 + \underline{\quad} = 13 = 10$ · $10 + \underline{\quad} = 16 = 6$ · $1 + \underline{\quad} = 10 = 9$ · $6 + \underline{\quad} = 11 = 5$