The Great Jungle Scout Mystery

Grade 2 math · Addition, Subtraction, Multiplication, Place value, Division · Reading level grades 1-2

Detective: _____ **Date:** _____

Someone hidden in Camp Treehouse snatched the golden jungle trophy! Help the camp detective trace clues to stop the sneaky Jungle Prankster.

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 Prankster is _____

Possible suspects

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

NAME	JUNGLE SKILL	SCOUT GEAR	SCARF COLOR	HAIR STYLE	SECRET WEAKNESS
Scout Luke	animal calling	tent pitching	wears red scarf	spiky hair	ticklish
Scout Emma	rope swinging	compass tracking	wears green scarf	braided hair	ticklish
Scout Eli	fire building	binocular scouting	wears red scarf	braided hair	afraid of frogs
Scout Grace	map reading	torch lighting	wears red scarf	spiky hair	afraid of frogs
Scout Noah	rope swinging	binocular scouting	wears red scarf	braided hair	ticklish
Scout Mason	rope swinging	torch lighting	wears green scarf	spiky hair	afraid of frogs
Scout Owen	raft building	binocular scouting	wears green scarf	curly hair	afraid of frogs
Scout Chloe	animal calling	torch lighting	wears red scarf	spiky hair	sneezes near dust
Scout Sam	map reading	tent pitching	wears red scarf	braided hair	sneezes near dust
Scout Jack	map reading	knot tying	wears green scarf	spiky hair	sneezes near dust
Scout Ella	raft building	compass tracking	wears green scarf	curly hair	afraid of frogs
Scout Ava	fire building	binocular scouting	wears red scarf	spiky hair	ticklish
Scout Ruby	raft building	torch lighting	wears green scarf	spiky hair	sneezes near dust
Scout Liam	animal calling	knot tying	wears red scarf	spiky hair	ticklish
Scout Mia	rope swinging	torch lighting	wears red scarf	spiky hair	ticklish
Scout Ivy	raft building	torch lighting	wears red scarf	braided hair	ticklish
Scout Ben	animal calling	compass tracking	wears green scarf	spiky hair	ticklish
Scout Leo	fire building	tent pitching	wears red scarf	spiky hair	ticklish
Scout Max	map reading	compass tracking	wears red scarf	braided hair	afraid of frogs
Scout Maya	animal calling	compass tracking	wears red scarf	braided hair	sneezes near dust
Scout Lily	rope swinging	torch lighting	wears red scarf	braided hair	afraid of frogs

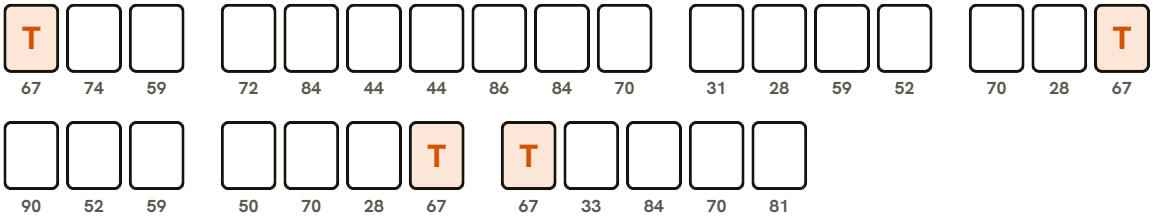
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CLUE 1

Addition

We count all the scout flashlights to find a lost pack.

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



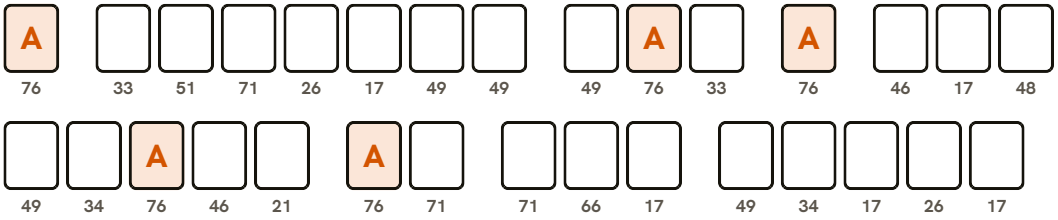
32 + 35 = ☐ → T	17 + 42 = ☐ → E	37 + 35 = ☐ → V
22 + 11 = ☐ → Y	16 + 15 = ☐ → D	8 + 20 = ☐ → O
52 + 34 = ☐ → A	63 + 27 = ☐ → U	34 + 40 = ☐ → H
13 + 31 = ☐ → L	23 + 29 = ☐ → S	57 + 24 = ☐ → G
17 + 33 = ☐ → K	48 + 22 = ☐ → N	25 + 59 = ☐ → I

Scratch space:

CLUE 2 Subtraction

We check how many trail snacks are left in the bin.

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



112 - 36 = ☐ → A

67 - 1 = ☐ → H

90 - 19 = ☐ → T

65 - 17 = ☐ → D

60 - 27 = ☐ → W

53 - 2 = ☐ → I

58 - 9 = ☐ → S

56 - 39 = ☐ → E

86 - 40 = ☐ → R

53 - 32 = ☐ → F

40 - 14 = ☐ → N

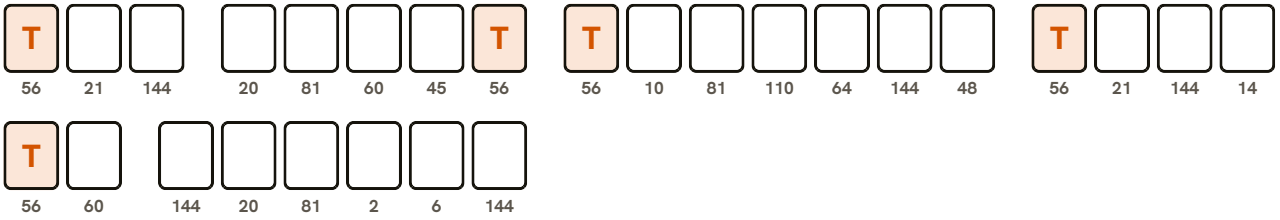
68 - 34 = ☐ → C

Scratch space:

CLUE 3 Multiplication facts (1-12)

> We count equal rows of scout badges on the banner.

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



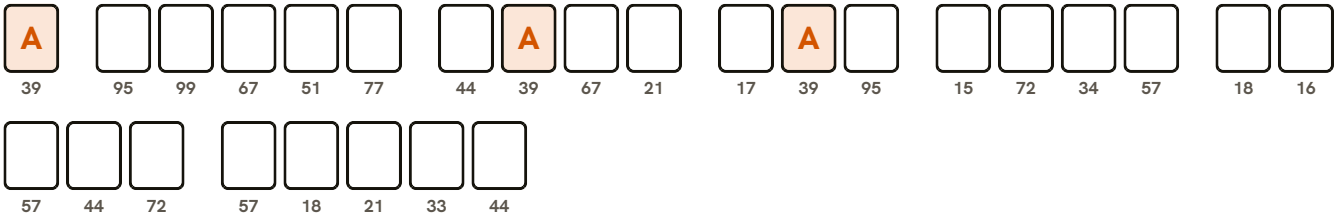
7 × 8 = ☐ → T	9 × 9 = ☐ → C	6 × 1 = ☐ → P	5 × 12 = ☐ → O
4 × 12 = ☐ → D	3 × 7 = ☐ → H	12 × 12 = ☐ → E	
2 × 1 = ☐ → A	8 × 8 = ☐ → L	1 × 10 = ☐ → I	
11 × 10 = ☐ → K	2 × 7 = ☐ → M	9 × 5 = ☐ → U	
5 × 4 = ☐ → S			

Scratch space:

CLUE 4 Place value

We look at tens and ones on the camp lock box.

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



What number has 3 tens and 9 ones? ☐ → A

What number has 1 ten and 8 ones? ☐ → O

What number has 9 tens and 9 ones? ☐ → P

What number has 6 tens and 7 ones? ☐ → I

What number has 7 tens and 7 ones? ☐ → Y

What number has 5 tens and 1 one? ☐ → K

What number has 9 tens and 5 ones? ☐ → S

What number has 7 tens and 2 ones? ☐ → E

What number has 1 ten and 7 ones? ☐ → W

What number has 1 ten and 5 ones? ☐ → L

What number has 2 tens and 1 one? ☐ → R

What number has 5 tens and 7 ones? ☐ → T

What number has 3 tens and 3 ones? ☐ → C

What number has 4 tens and 4 ones? ☐ → H

What number has 1 ten and 6 ones? ☐ → N

What number has 3 tens and 4 ones? ☐ → F

Scratch space:

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

> We share all the compasses equally among five 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:

120 ÷ 12 = ☐ | 8 ÷ 8 = ☐ | 84 ÷ 7 = ☐ | 72 ÷ 12 = ☐ | 108 ÷ 12 = ☐

6 ÷ 3 = ☐ | 56 ÷ 7 = ☐ | 12 ÷ 4 = ☐ | 56 ÷ 8 = ☐ | 99 ÷ 9 = ☐

40 ÷ 8 = ☐

Step 2 - cross out the sentence with each answer:

1. The villain built a camp fire, then pitched a fast tent.
2. The villain called the wild parrots, then scouted with binoculars.
3. The villain read the secret map, then scouted with binoculars.
4. The villain swung on jungle ropes, then lit a bright torch.
5. The villain swung on jungle ropes, then scouted with binoculars.
6. The villain swung on jungle ropes, then tracked with a compass.
7. The villain built a river raft, then scouted with binoculars.
8. The villain built a river raft, then pitched a fast tent.
9. The villain swung on jungle ropes, then pitched a fast tent.
10. The villain built a camp fire, then scouted with binoculars.
11. The villain built a camp fire, then tied strong knots.
12. The villain called the wild parrots, then pitched a fast tent.

TEACHER / PARENT

Answer Key

The Great Jungle Scout Mystery

Culprit: Scout Mia

rope swinging · torch lighting · wears red scarf · spiky hair · ticklish

Trail: Start 21 → Clue 1 19 → Clue 2 13 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE VILLAIN DOES NOT USE KNOT TYING"

32 + 35 = 67 (T) · 17 + 42 = 59 (E) · 37 + 35 = 72 (V) · 22 + 11 = 33 (Y) · 16 + 15 = 31 (D) · 8 + 20 = 28 (O) · 52 + 34 = 86 (A) · 63 + 27 = 90 (U) · 34 + 40 = 74 (H) · 13 + 31 = 44 (L) · 23 + 29 = 52 (S) · 57 + 24 = 81 (G) · 17 + 33 = 50 (K) · 48 + 22 = 70 (N) · 25 + 59 = 84 (I)

Clue 2 (Subtraction): "A WITNESS SAW A RED SCARF AT THE SCENE"

112 - 36 = 76 (A) · 67 - 1 = 66 (H) · 90 - 19 = 71 (T) · 65 - 17 = 48 (D) · 60 - 27 = 33 (W) · 53 - 2 = 51 (I) · 58 - 9 = 49 (S) · 56 - 39 = 17 (E) · 86 - 40 = 46 (R) · 53 - 32 = 21 (F) · 40 - 14 = 26 (N) · 68 - 34 = 34 (C)

Clue 3 (Multiplication facts (1-12)): "THE SCOUT TICKLED THEM TO ESCAPE"

7 × 8 = 56 (T) · 9 × 9 = 81 (C) · 6 × 1 = 6 (P) · 5 × 12 = 60 (O) · 4 × 12 = 48 (D) · 3 × 7 = 21 (H) · 12 × 12 = 144 (E) · 2 × 1 = 2 (A) · 8 × 8 = 64 (L) · 1 × 10 = 10 (I) · 11 × 10 = 110 (K) · 2 × 7 = 14 (M) · 9 × 5 = 45 (U) · 5 × 4 = 20 (S)

Clue 4 (Place value): "A SPIKY HAIR WAS LEFT ON THE TORCH"

What number has 3 tens and 9 ones? = 39 (A) · What number has 1 ten and 8 ones? = 18 (O) · What number has 9 tens and 9 ones? = 99 (P) · What number has 6 tens and 7 ones? = 67 (I) · What number has 7 tens and 7 ones? = 77 (Y) · What number has 5 tens and 1 one? = 51 (K) · What number has 9 tens and 5 ones? = 95 (S) · What number has 7 tens and 2 ones? = 72 (E) · What number has 1 ten and 7 ones? = 17 (W) · What number has 1 ten and 5 ones? = 15 (L) · What number has 2 tens and 1 one? = 21 (R) · What number has 5 tens and 7 ones? = 57 (T) · What number has 3 tens and 3 ones? = 33 (C) · What number has 4 tens and 4 ones? = 44 (H) · What number has 1 ten and 6 ones? = 16 (N) · What number has 3 tens and 4 ones? = 34 (F)

Clue 5 (Division facts (1-12)): surviving statement is box 4 → Scout Mia

120 ÷ 12 = 10 · 8 ÷ 8 = 1 · 84 ÷ 7 = 12 · 72 ÷ 12 = 6 · 108 ÷ 12 = 9 · 6 ÷ 3 = 2 · 56 ÷ 7 = 8 · 12 ÷ 4 = 3 · 56 ÷ 8 = 7 · 99 ÷ 9 = 11 · 40 ÷ 8 = 5