



The Lost Island Treasure Hunt

Grade 4 math · Rounding, Addition, Subtraction, Multiplication, Division · Reading level grades 1-2

Detective: _____ **Date:** _____

Welcome to Adventure Island! The Head Guide lost the secret key to the golden chest. A mischievous rival took it! Use your math skills and search for clues around the island to catch them.

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 mischievous rival is _____

Possible suspects

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

NAME	EXPLORER GEAR	PET COMPANION	WRITING HAND	CAP COLOR	FEAR
Sam	Mega Flashlight	Happy Puppy	Left-handed	Green Cap	Loud Noises
Joy	Golden Compass	Playful Monkey	Left-handed	Green Cap	Tickly Spiders
Toby	Shiny Binoculars	Happy Puppy	Left-handed	Red Cap	Tickly Spiders
Jake	Jungle Map	Friendly Parrot	Right-handed	Blue Cap	Squishy Mud
Dan	Golden Compass	Swift Squirrel	Right-handed	Blue Cap	Tickly Spiders
Lily	Shiny Binoculars	Swift Squirrel	Right-handed	Blue Cap	Tickly Spiders
Max	Shiny Binoculars	Playful Monkey	Left-handed	Red Cap	Squishy Mud
Ben	Jungle Map	Playful Monkey	Right-handed	Green Cap	Tickly Spiders
Rex	Shiny Binoculars	Friendly Parrot	Left-handed	Red Cap	Loud Noises
Abby	Super Rope	Playful Monkey	Left-handed	Red Cap	Loud Noises
Eli	Jungle Map	Swift Squirrel	Left-handed	Red Cap	Tickly Spiders
Jack	Mega Flashlight	Swift Squirrel	Left-handed	Blue Cap	Tickly Spiders
Ava	Super Rope	Friendly Parrot	Left-handed	Blue Cap	Tickly Spiders
Ruby	Super Rope	Happy Puppy	Left-handed	Blue Cap	Tickly Spiders
Mia	Golden Compass	Friendly Parrot	Left-handed	Red Cap	Tickly Spiders
Zack	Super Rope	Playful Monkey	Left-handed	Blue Cap	Loud Noises
Nora	Golden Compass	Swift Squirrel	Left-handed	Blue Cap	Tickly Spiders
Amy	Super Rope	Swift Squirrel	Left-handed	Green Cap	Squishy Mud
Luke	Jungle Map	Happy Puppy	Right-handed	Green Cap	Squishy Mud
Cody	Jungle Map	Tiny Lizard	Left-handed	Blue Cap	Tickly Spiders
Emma	Shiny Binoculars	Friendly Parrot	Right-handed	Red Cap	Loud Noises

CLUE 1

We need to check the map screen. The GPS only shows rounded numbers. Round the distance to find the first clue.

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

1700 1100 4300 1300 110 430 430 3700 110 7000 900 9000 4300 30 7000 9000 1700

1100 3700 1300 4300 3700 200 50 200 200 370

Round 1,669 to the nearest hundred $\rightarrow$ **T**

Round 434 to the nearest ten $\rightarrow$ **L**

Round 885 to the nearest hundred $\rightarrow$ **D**

Round 220 to the nearest hundred $\rightarrow$ **P**

Round 31 to the nearest ten $\rightarrow$ **S**

Round 374 to the nearest ten $\rightarrow$ **Y**

Round 9,113 to the nearest thousand $\rightarrow$

Round 4,343 to the nearest hundred → **E**

Round 6,613 to the nearest thousand → **N**

Round 54 to the nearest ten $\rightarrow$

Round 3,669 to the nearest hundred → **A**

Round 1,267 to the nearest hundred $\rightarrow$

Round 112 to the nearest ten $\rightarrow$

Round 1,114 to the nearest hundred $\rightarrow$ **H**

Scratch space:

CLUE 2 Addition

Look! We found some bags of supplies. Add up the supplies to find the next path.

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

T 5341	5117	2633	3101	5014	3205	3205	2034	5014	4040	6600	6234	5014	T 5341	2633	3067	6600	5014	T 5341	5117
T 5341	5117	2633	3205	2633	8173	T 5341	5117	2034	4040	8853									

$2777 + 2564 = \square \rightarrow \boxed{\text{T}}$

$5048 + 3805 = \square \rightarrow \boxed{\text{D}}$

$3244 + 3356 = \square \rightarrow \boxed{\text{W}}$

$2209 + 2908 = \square \rightarrow \boxed{\text{H}}$

$1248 + 1853 = \square \rightarrow \boxed{\text{V}}$

$3063 + 3171 = \square \rightarrow \boxed{\text{R}}$

$1465 + 1168 = \square \rightarrow \boxed{\text{E}}$

$2620 + 2394 = \square \rightarrow \boxed{\text{I}}$

$1155 + 1912 = \square \rightarrow \boxed{\text{S}}$

$2199 + 1006 = \square \rightarrow \boxed{\text{L}}$

$2110 + 1930 = \square \rightarrow \boxed{\text{N}}$

$1066 + 968 = \square \rightarrow \boxed{\text{A}}$

$4511 + 3662 = \square \rightarrow \boxed{\text{F}}$

Scratch space:

CLUE 3
Subtraction

Our water bottles are leaking. Subtract the lost water to see how far we can walk.

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

T																
4271	6516	7052	1645	4468	2013	2013	6452	4468	2127	6585	6452	2127	6452	4420	6452	6673

5132	6585	7365	2770	5208	4188	4468	5373	7052	6585	5208

$5994 - 1723 = \boxed{} \rightarrow \boxed{\text{T}}$

$5147 - 959 = \boxed{} \rightarrow \boxed{\text{P}}$

$5889 - 681 = \boxed{} \rightarrow \boxed{\text{S}}$

$12293 - 4928 = \boxed{} \rightarrow \boxed{\text{O}}$

$6319 - 4192 = \boxed{} \rightarrow \boxed{\text{N}}$

$2810 - 1165 = \boxed{} \rightarrow \boxed{\text{V}}$

$5378 - 910 = \boxed{} \rightarrow \boxed{\text{I}}$

$11415 - 4899 = \boxed{} \rightarrow \boxed{\text{H}}$

$6726 - 1594 = \boxed{} \rightarrow \boxed{\text{F}}$

$7947 - 1274 = \boxed{} \rightarrow \boxed{\text{Y}}$

$7942 - 890 = \boxed{} \rightarrow \boxed{\text{E}}$

$6434 - 4421 = \boxed{} \rightarrow \boxed{\text{L}}$

$6450 - 2030 = \boxed{} \rightarrow \boxed{\text{W}}$

$9672 - 3220 = \boxed{} \rightarrow \boxed{\text{A}}$

$6036 - 663 = \boxed{} \rightarrow \boxed{\text{D}}$

$3259 - 489 = \boxed{} \rightarrow \boxed{\text{M}}$

$8805 - 2220 = \boxed{} \rightarrow \boxed{\text{R}}$

Scratch space:

CLUE 4

Multiplication facts (1-12)

We see palm trees planted in neat rows. Multiply the rows to find the secret hideout.

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

A											A			A	
3	100	49	99	42	8	35	48	66	22	12	3	70	7	3	100

48	22	10	64	35	22	49	99	42	40

$1 \times 3 = \square \rightarrow \text{A}$

$11 \times 2 = \square \rightarrow \text{E}$

$10 \times 4 = \square \rightarrow \text{D}$

$10 \times 10 = \square \rightarrow \text{S}$

$7 \times 1 = \square \rightarrow \text{W}$

$4 \times 2 = \square \rightarrow \text{Y}$

$5 \times 7 = \square \rightarrow \text{B}$

$5 \times 2 = \square \rightarrow \text{F}$

$7 \times 7 = \square \rightarrow \text{H}$

$8 \times 8 = \square \rightarrow \text{T}$

$4 \times 12 = \square \rightarrow \text{L}$

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

$7 \times 10 = \square \rightarrow \text{P}$

$11 \times 6 = \square \rightarrow \text{U}$

$9 \times 11 = \square \rightarrow \text{I}$

$3 \times 4 = \square \rightarrow \text{C}$

Scratch space:

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

We must share our snacks with the team. Divide the food evenly to get 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:

$11 \div 11 = \square$

$4 \div 1 = \square$

$96 \div 12 = \square$

$36 \div 6 = \square$

$11 \div 1 = \square$

$132 \div 11 = \square$

$18 \div 6 = \square$

$100 \div 10 = \square$

$12 \div 6 = \square$

$72 \div 8 = \square$

$5 \div 1 = \square$

Step 2 - cross out the sentence with each answer:

1. The villain unrolls the jungle map on the ground, then feeds a leaf to the tiny lizard.
2. The villain looks through the shiny binoculars, then gives a dog treat to the happy puppy.
3. The villain unrolls the jungle map on the ground, then shares some fruit with the friendly parrot.
4. The villain uses the golden compass to find the path, then follows the swift squirrel up a tree.
5. The villain uses the golden compass to find the path, then feeds a leaf to the tiny lizard.
6. The villain shines the mega flashlight in the dark cave, then shares some fruit with the friendly parrot.
7. The villain throws the super rope over the big tree, then shares some fruit with the friendly parrot.
8. The villain shines the mega flashlight in the dark cave, then follows the swift squirrel up a tree.
9. The villain looks through the shiny binoculars, then feeds a leaf to the tiny lizard.
10. The villain shines the mega flashlight in the dark cave, then gives a dog treat to the happy puppy.
11. The villain throws the super rope over the big tree, then gives a dog treat to the happy puppy.
12. The villain looks through the shiny binoculars, then shares some fruit with the friendly parrot.

Answer Key

The Lost Island Treasure Hunt

Culprit: Ava

Super Rope · Friendly Parrot · Left-handed · Blue Cap · Tickly Spiders

Trail: Start 21 → Clue 1 17 → Clue 2 12 → Clue 3 7 → Clue 4 4 → Clue 5 1

Clue 1 (Rounding): "THE VILLAIN DOES NOT HAVE A PUPPY"

Round 1,669 to the nearest hundred = 1700 (T) · Round 434 to the nearest ten = 430 (L) · Round 885 to the nearest hundred = 900 (D) · Round 220 to the nearest hundred = 200 (P) · Round 31 to the nearest ten = 30 (S) · Round 374 to the nearest ten = 370 (Y) · Round 9,113 to the nearest thousand = 9000 (O) · Round 4,343 to the nearest hundred = 4300 (E) · Round 6,613 to the nearest thousand = 7000 (N) · Round 54 to the nearest ten = 50 (U) · Round 3,669 to the nearest hundred = 3700 (A) · Round 1,267 to the nearest hundred = 1300 (V) · Round 112 to the nearest ten = 110 (I) · Round 1,114 to the nearest hundred = 1100 (H)

Clue 2 (Addition): "THE VILLAIN WRITES WITH THE LEFT HAND"

$2777 + 2564 = 5341$ (T) · $5048 + 3805 = 8853$ (D) · $3244 + 3356 = 6600$ (W) · $2209 + 2908 = 5117$ (H) · $1248 + 1853 = 3101$ (V) · $3063 + 3171 = 6234$ (R) · $1465 + 1168 = 2633$ (E) · $2620 + 2394 = 5014$ (I) · $1155 + 1912 = 3067$ (S) · $2199 + 1006 = 3205$ (L) · $2110 + 1930 = 4040$ (N) · $1066 + 968 = 2034$ (A) · $4511 + 3662 = 8173$ (F)

Clue 3 (Subtraction): "THE VILLAIN RAN AWAY FROM SPIDERS"

$5994 - 1723 = 4271$ (T) · $5147 - 959 = 4188$ (P) · $5889 - 681 = 5208$ (S) · $12293 - 4928 = 7365$ (O) · $6319 - 4192 = 2127$ (N) · $2810 - 1165 = 1645$ (V) · $5378 - 910 = 4468$ (I) · $11415 - 4899 = 6516$ (H) · $6726 - 1594 = 5132$ (F) · $7947 - 1274 = 6673$ (Y) · $7942 - 890 = 7052$ (E) · $6434 - 4421 = 2013$ (L) · $6450 - 2030 = 4420$ (W) · $9672 - 3220 = 6452$ (A) · $6036 - 663 = 5373$ (D) · $3259 - 489 = 2770$ (M) · $8805 - 2220 = 6585$ (R)

Clue 4 (Multiplication facts (1-12)): "A SHINY BLUE CAP WAS LEFT BEHIND"

$1 \times 3 = 3$ (A) · $11 \times 2 = 22$ (E) · $10 \times 4 = 40$ (D) · $10 \times 10 = 100$ (S) · $7 \times 1 = 7$ (W) · $4 \times 2 = 8$ (Y) · $5 \times 7 = 35$ (B) · $5 \times 2 = 10$ (F) · $7 \times 7 = 49$ (H) · $8 \times 8 = 64$ (T) · $4 \times 12 = 48$ (L) · $7 \times 6 = 42$ (N) · $7 \times 10 = 70$ (P) · $11 \times 6 = 66$ (U) · $9 \times 11 = 99$ (I) · $3 \times 4 = 12$ (C)

Clue 5 (Division facts (1-12)): surviving statement is box 7 → Ava

$11 \div 11 = 1$ · $4 \div 1 = 4$ · $96 \div 12 = 8$ · $36 \div 6 = 6$ · $11 \div 1 = 11$ · $132 \div 11 = 12$ · $18 \div 6 = 3$ · $100 \div 10 = 10$ · $12 \div 6 = 2$ · $72 \div 8 = 9$ · $5 \div 1 = 5$