



The Sky Bandit of Nimbus

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

Detective: _____ Date: _____

Someone has stolen the Golden Sunstone from the floating temple! Without it, the clouds will sink and the islands will fall. The Chief Cloud Keeper needs your help. Look for clues, solve the puzzles, and help the Sky Patrol catch the bandit before sunset!

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 Sky 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	ARTIFACT	DOMINANT HAND	HEADGEAR	DISTRACTION
Uma Upwind	smoke bomb	bronze spyglass	left-handed	blue goggles	loud whistle
Hazel Hover	smoke bomb	ruby lantern	right-handed	blue goggles	loud whistle
Peggy Pilot	grappling hook	ruby lantern	right-handed	green cap	tickle feather
Barnaby Blue	glider wings	bronze spyglass	left-handed	blue goggles	loud whistle
Sky Skye	smoke bomb	bronze spyglass	right-handed	green cap	bright flash
Explorer Emma	grappling hook	copper map	right-handed	blue goggles	loud whistle
Olivia Ocean	grappling hook	gold compass	right-handed	green cap	tickle feather
Daring Danny	magnet glove	copper map	left-handed	blue goggles	loud whistle
Leo Latitude	magnet glove	bronze spyglass	left-handed	green cap	bright flash
Toby Traveler	magnet glove	copper map	left-handed	red bandana	tickle feather
Flynn Feather	smoke bomb	copper map	left-handed	blue goggles	bright flash
Marina Map	grappling hook	silver whistle	left-handed	blue goggles	loud whistle
Val Valley	magnet glove	silver whistle	right-handed	green cap	tickle feather
Xavier Zen	smoke bomb	ruby lantern	left-handed	red bandana	loud whistle
Jet Jackson	grappling hook	ruby lantern	left-handed	red bandana	bright flash
Rider Rusty	wind blower	bronze spyglass	right-handed	red bandana	loud whistle
Gale Glider	grappling hook	gold compass	right-handed	blue goggles	loud whistle
Navigator Nate	grappling hook	ruby lantern	left-handed	blue goggles	bright flash
Zoe Zeppelin	wind blower	gold compass	left-handed	blue goggles	bright flash
Isla Island	glider wings	ruby lantern	left-handed	blue goggles	loud whistle
Windy Wyatt	smoke bomb	copper map	right-handed	red bandana	bright flash

CLUE 1

We found the bandit's broken radar screen. The screen only shows distance rounded to the nearest ten. Round this number to find the clue!

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

Diagram illustrating a sequence of numbers and their corresponding values (T for True, F for False):

Index	Value	Truth Value
1	300	T
2	8000	F
3	3000	F
4	2000	F
5	60	F
6	90	F
7	20	F
8	400	F
9	300	T
10	20	F
11	30	F
12	3000	F
13	6000	F
14	90	F
15	30	F
16	300	T
17	800	F
18	6000	F
19	3000	F

Round 259 to the nearest hundred $\rightarrow$ **T**

Round 413 to the nearest hundred $\rightarrow$

Round 761 to the nearest hundred $\rightarrow$ **U**

Round 630 to the nearest hundred $\rightarrow$ **R**

Round 24 to the nearest ten $\rightarrow$ **D**

Round 1,608 to the nearest thousand → **B**

Round 8,445 to the nearest thousand → **H**

Round 32 to the nearest ten $\rightarrow$

Round 59 to the nearest ten → **A**

Round 91 to the nearest ten → **N**

Round 3,428 to the nearest thousand $\rightarrow$ **E**

Round 7,447 to the nearest thousand $\rightarrow$ **C**

Round 3,520 to the nearest thousand → **M**

Round 5,706 to the nearest thousand $\rightarrow$ **S**

Round 523 to the nearest hundred $\rightarrow$ **P**

Scratch space:

CLUE 2 Addition

To find where the bandit went, we need to total up the stolen cargo. Add these supply boxes together to unlock the next lead!

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

T																	
323	277	915	886	567	619	216	490	490	216	987	323	546	423	987			
546	898	464	915	490	546	898	T										
277	423	810	490														

147 + 176 = → T	110 + 106 = → U	312 + 603 = → E
375 + 192 = → L	367 + 179 = → W	221 + 398 = → O
194 + 270 = → P	453 + 433 = → C	253 + 158 = → F
510 + 477 = → S	157 + 120 = → H	264 + 226 = → D
153 + 270 = → A	522 + 376 = → I	277 + 533 = → N

Scratch space:

CLUE 3 Subtraction

The sky bandit dropped some heavy sandbags to float away. Subtract the lost weight from the total weight to read the next clue!

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

T																	T		
341	131	756	453	477	588	588	756	453	453	870	878	400	131	756	878	341	131	756	

				T										
400	131	283	668	341	128	756	588	128	756	400	128	477	643	163

572 - 231 = → T	367 - 204 = → D	717 - 240 = → O
647 - 4 = → U	996 - 126 = → A	1111 - 355 = → E
970 - 92 = → N	541 - 258 = → I	888 - 300 = → B
357 - 229 = → L	344 - 213 = → H	851 - 398 = → R
993 - 325 = → S	560 - 160 = → W	

Scratch space:

CLUE 4

Multiplication facts (1-12)

We found rows of mysterious sky crystals left behind. Multiply the rows by the columns to count them and get a clue!

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

S					S										
36	12	42	121	132	36	120	42	77	54	10	27	1	110		
						S									
3	77	3	3	27	110	36	66	110	42	110	27	110	120	12	
10	110	15	80	90	45										

$9 \times 4 = \square \rightarrow \boxed{\text{S}}$

$11 \times 11 = \square \rightarrow \boxed{\text{A}}$

$3 \times 5 = \square \rightarrow \boxed{\text{H}}$

$11 \times 6 = \square \rightarrow \boxed{\text{W}}$

$11 \times 7 = \square \rightarrow \boxed{\text{O}}$

$9 \times 6 = \square \rightarrow \boxed{\text{M}}$

$12 \times 10 = \square \rightarrow \boxed{\text{F}}$

$11 \times 12 = \square \rightarrow \boxed{\text{P}}$

$6 \times 7 = \square \rightarrow \boxed{\text{R}}$

$5 \times 9 = \square \rightarrow \boxed{\text{D}}$

$1 \times 1 = \square \rightarrow \boxed{\text{U}}$

$12 \times 1 = \square \rightarrow \boxed{\text{T}}$

$8 \times 10 = \square \rightarrow \boxed{\text{I}}$

$1 \times 3 = \square \rightarrow \boxed{\text{G}}$

$3 \times 9 = \square \rightarrow \boxed{\text{L}}$

$11 \times 10 = \square \rightarrow \boxed{\text{E}}$

$10 \times 9 = \square \rightarrow \boxed{\text{N}}$

$1 \times 10 = \square \rightarrow \boxed{\text{B}}$

Scratch space:

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

The rescue team needs to split the recovered energy cells evenly. Divide the cells among the crew 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:

$32 \div 4 = \boxed{}$

$12 \div 6 = \boxed{}$

$36 \div 12 = \boxed{}$

$9 \div 9 = \boxed{}$

$60 \div 5 = \boxed{}$

$6 \div 1 = \boxed{}$

$28 \div 4 = \boxed{}$

$15 \div 3 = \boxed{}$

$90 \div 9 = \boxed{}$

$55 \div 5 = \boxed{}$

$90 \div 10 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain swung on a grappling hook, then unrolled the copper map.
2. The villain soared on glider wings, then peered through the bronze spyglass.
3. The villain swung on a grappling hook, then blew the silver whistle.
4. The villain soared on glider wings, then lit up the ruby lantern.
5. The villain blasted a wind blower, then lit up the ruby lantern.
6. The villain soared on glider wings, then blew the silver whistle.
7. The villain tossed a smoke bomb, then unrolled the copper map.
8. The villain tossed a smoke bomb, then peered through the bronze spyglass.
9. The villain tossed a smoke bomb, then followed the gold compass.
10. The villain swung on a grappling hook, then lit up the ruby lantern.
11. The villain tossed a smoke bomb, then blew the silver whistle.
12. The villain blasted a wind blower, then peered through the bronze spyglass.

Answer Key

The Sky Bandit of Nimbus

Culprit: Isla Island

glider wings · ruby lantern · left-handed · blue goggles · loud whistle

Trail: Start 21 → Clue 1 16 → Clue 2 9 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Rounding): "THE BANDIT DOES NOT USE A COPPER MAP"

Round 259 to the nearest hundred = 300 (T) · Round 413 to the nearest hundred = 400 (I) · Round 761 to the nearest hundred = 800 (U) · Round 630 to the nearest hundred = 600 (R) · Round 24 to the nearest ten = 20 (D) · Round 1,608 to the nearest thousand = 2000 (B) · Round 8,445 to the nearest thousand = 8000 (H) · Round 32 to the nearest ten = 30 (O) · Round 59 to the nearest ten = 60 (A) · Round 91 to the nearest ten = 90 (N) · Round 3,428 to the nearest thousand = 3000 (E) · Round 7,447 to the nearest thousand = 7000 (C) · Round 3,520 to the nearest thousand = 4000 (M) · Round 5,706 to the nearest thousand = 6000 (S) · Round 523 to the nearest hundred = 500 (P)

Clue 2 (Addition): "THE CLOUD DUST WAS WIPED WITH THE LEFT HAND"

$147 + 176 = 323$ (T) · $110 + 106 = 216$ (U) · $312 + 603 = 915$ (E) · $375 + 192 = 567$ (L) · $367 + 179 = 546$ (W) · $221 + 398 = 619$ (O) · $194 + 270 = 464$ (P) · $453 + 433 = 886$ (C) · $253 + 158 = 411$ (F) · $510 + 477 = 987$ (S) · $157 + 120 = 277$ (H) · $264 + 226 = 490$ (D) · $153 + 270 = 423$ (A) · $522 + 376 = 898$ (I) · $277 + 533 = 810$ (N)

Clue 3 (Subtraction): "THE ROBBER RAN WHEN THE WHISTLE BLEW LOUD"

$572 - 231 = 341$ (T) · $367 - 204 = 163$ (D) · $717 - 240 = 477$ (O) · $647 - 4 = 643$ (U) · $996 - 126 = 870$ (A) · $1111 - 355 = 756$ (E) · $970 - 92 = 878$ (N) · $541 - 258 = 283$ (I) · $888 - 300 = 588$ (B) · $357 - 229 = 128$ (L) · $344 - 213 = 131$ (H) · $851 - 398 = 453$ (R) · $993 - 325 = 668$ (S) · $560 - 160 = 400$ (W)

Clue 4 (Multiplication facts (1-12)): "STRAPS FROM BLUE GOGGLES WERE LEFT BEHIND"

$9 \times 4 = 36$ (S) · $11 \times 11 = 121$ (A) · $3 \times 5 = 15$ (H) · $11 \times 6 = 66$ (W) · $11 \times 7 = 77$ (O) · $9 \times 6 = 54$ (M) · $12 \times 10 = 120$ (F) · $11 \times 12 = 132$ (P) · $6 \times 7 = 42$ (R) · $5 \times 9 = 45$ (D) · $1 \times 1 = 1$ (U) · $12 \times 1 = 12$ (T) · $8 \times 10 = 80$ (I) · $1 \times 3 = 3$ (G) · $3 \times 9 = 27$ (L) · $11 \times 10 = 110$ (E) · $10 \times 9 = 90$ (N) · $1 \times 10 = 10$ (B)

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

$32 \div 4 = 8$ · $12 \div 6 = 2$ · $36 \div 12 = 3$ · $9 \div 9 = 1$ · $60 \div 5 = 12$ · $6 \div 1 = 6$ · $28 \div 4 = 7$ · $15 \div 3 = 5$ · $90 \div 9 = 10$ · $55 \div 5 = 11$ · $90 \div 10 = 9$