



The Great Dino Egg Hunt

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

Detective: _____ **Date:** _____

Someone took the golden dinosaur egg from the camp tent! Our Dino Scouts must search the valley and find the sneaky camp bandit.

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 the sneaky camp bandit is _____

Possible suspects

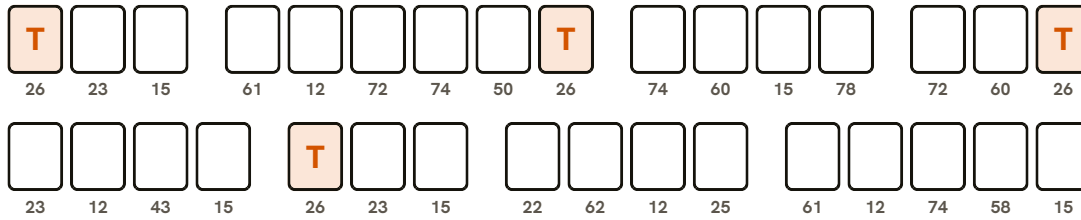
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	DINO GADGET	CAMP BADGE	WRITING HAND	HAT COLOR	SCARED BY
Sam	Lasso Rope	Wave Badge	left hand	blue hat	bright light
Mia	Mega Scope	Claw Badge	right hand	blue hat	silly song
Ben	Lasso Rope	Claw Badge	left hand	red hat	loud whistle
Cody	Super Net	Star Badge	left hand	blue hat	bright light
Marshall	Lasso Rope	Wave Badge	left hand	red hat	bright light
Steve	Mega Scope	Claw Badge	left hand	blue hat	bright light
Annie	Lasso Rope	Star Badge	left hand	red hat	loud whistle
Lily	Dino Treat	Star Badge	right hand	red hat	loud whistle
Luke	Map Tracker	Leaf Badge	right hand	red hat	bright light
Rex	Mega Scope	Leaf Badge	right hand	red hat	bright light
Zuma	Dino Treat	Star Badge	left hand	red hat	bright light
Zoe	Map Tracker	Star Badge	left hand	blue hat	bright light
Rocky	Lasso Rope	Star Badge	right hand	green hat	bright light
Diego	Super Net	Wave Badge	right hand	blue hat	bright light
Toby	Lasso Rope	Wave Badge	right hand	green hat	loud whistle
Bindi	Lasso Rope	Leaf Badge	right hand	green hat	loud whistle
Dora	Lasso Rope	Leaf Badge	left hand	blue hat	bright light
Ryder	Super Net	Sun Badge	left hand	blue hat	silly song
Chase	Dino Treat	Leaf Badge	left hand	blue hat	silly song
Ruby	Map Tracker	Claw Badge	left hand	blue hat	loud whistle
Skye	Dino Treat	Leaf Badge	left hand	red hat	loud whistle

CLUE 1 Place value

We found a secret paper with tens and ones blocks. Let us count the blocks to find the first clue.

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



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

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

What number has 7 tens and 8 ones? → **S**

What number has 6 tens and 0 ones? → **O**

What number has 7 tens and 2 ones? → **N**

What number has 5 tens and 0 ones? → **I**

What number has 1 ten and 2 ones? → **A**

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

What number has 2 tens and 5 ones? → **W**

What number has 1 ten and 5 ones? → **E**

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

What number has 2 tens and 2 ones? → **C**

What number has 6 tens and 1 one? → **B**

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

What number has 5 tens and 8 ones? → **G**

Scratch space:

CLUE 2 **Addition**

We need to pack our trail bags. Add the green apples and red apples to see how many we have.

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

9 19 18 10 13 18 12 6 8 2 12 13 4 7 9

20 3 7 9 18 10 20 7 9 19 9 19 18 16 18 14 9

19 12 13 4

$$6 + 3 = \boxed{} \rightarrow \boxed{\text{T}}$$

$8 + 4 = \boxed{} \rightarrow \boxed{\mathbf{A}}$

$$4 + 3 = \boxed{} \rightarrow \boxed{7}$$

$$8 + 12 = \boxed{} \rightarrow \boxed{\mathbf{W}}$$

$9 + 5 = \boxed{} \rightarrow \boxed{\text{F}}$

$8 + 8 = \boxed{} \rightarrow \boxed{\text{L}}$

$1 + 3 = \boxed{} \rightarrow \boxed{\mathbf{D}}$

$3 + 5 = \boxed{} \rightarrow \boxed{\text{Y}}$

$13 + 6 = \boxed{} \rightarrow \boxed{\text{H}}$

$3 + 7 = \boxed{} \rightarrow \boxed{\text{S}}$

$4 + 2 = \boxed{} \rightarrow \boxed{\text{K}}$

$10 + 3 = \boxed{} \rightarrow \boxed{\text{N}}$

$1 + 1 = \boxed{} \rightarrow \boxed{\text{B}}$

$2 + 1 = \boxed{} \rightarrow \boxed{\text{R}}$

$12 + 6 = \boxed{} \rightarrow \boxed{\text{E}}$

Scratch space:

CLUE 3

Subtraction

A cute baby dino ate some of our camp biscuits. Subtract the ones he ate to see what is left.

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

T									T								
11	15	5	19	8	17	3	1	11	2	7	17	16	8	4	8	10	

										T						T	
9	2	12	13	8	19	2	1	18	15	11	6	1	18	15	11		

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

$15 - 8 = \square \rightarrow \boxed{\text{U}}$

$16 - 4 = \square \rightarrow \boxed{\text{O}}$

$18 - 1 = \square \rightarrow \boxed{\text{N}}$

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

$8 - 3 = \square \rightarrow \boxed{\text{E}}$

$10 - 8 = \square \rightarrow \boxed{\text{R}}$

$15 - 7 = \square \rightarrow \boxed{\text{A}}$

$2 - 1 = \square \rightarrow \boxed{\text{I}}$

$20 - 2 = \square \rightarrow \boxed{\text{G}}$

$17 - 8 = \square \rightarrow \boxed{\text{F}}$

$14 - 4 = \square \rightarrow \boxed{\text{Y}}$

$7 - 3 = \square \rightarrow \boxed{\text{W}}$

$5 - 2 = \square \rightarrow \boxed{\text{D}}$

$14 - 1 = \square \rightarrow \boxed{\text{M}}$

$19 - 3 = \square \rightarrow \boxed{\text{S}}$

$17 - 2 = \square \rightarrow \boxed{\text{H}}$

$10 - 4 = \square \rightarrow \boxed{\text{L}}$

Scratch space:

CLUE 4

Skip counting

There are dino footprints in the mud. Let us count them by fives to follow the trail.

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

W																		
110	80	21	15	27	70	40	50	90	6	27	80	120	50	12	6	80	21	12

90	80	120	28	70	40

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

Skip-count by 2s. Fill the blank: 2, 4, __, 8, 10 → **L**

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

Skip-count by 3s. Fill the blank: 3, 6, 9, __, 15, 18 → **T**

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

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

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

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

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

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

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, __, 45, 50 → **D**

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

Scratch space:

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

We need ten camp lights for the dark cave. We only have six. Let us find out how many more we need.

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:

$9 + \underline{\quad} = 20$

$9 + \underline{\quad} = 13$

$7 + \underline{\quad} = 8$

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

$8 + \underline{\quad} = 14$

$9 + \underline{\quad} = 11$

$10 + \underline{\quad} = 13$

$1 + \underline{\quad} = 8$

$2 + \underline{\quad} = 7$

$6 + \underline{\quad} = 15$

$8 + \underline{\quad} = 16$

Step 2 - cross out the sentence with each answer:

1. The villain snatched the golden dino egg, then ran past the sleeping trex.
2. The villain opened the baby raptor cage, then zipped away on a scooter.
3. The villain swiped the ranger jeep keys, then crossed the muddy swamp.
4. The villain swiped the ranger jeep keys, then zipped away on a scooter.
5. The villain hid the camp map, then scrambled up the big rock wall.
6. The villain opened the baby raptor cage, then crossed the muddy swamp.
7. The villain took all the dino treats, then crossed the muddy swamp.
8. The villain swiped the ranger jeep keys, then ran past the sleeping trex.
9. The villain snatched the golden dino egg, then zipped away on a scooter.
10. The villain took all the dino treats, then ran past the sleeping trex.
11. The villain swiped the ranger jeep keys, then hid inside the hollow log.
12. The villain took all the dino treats, then hid inside the hollow log.

Answer Key

The Great Dino Egg Hunt

Culprit: Zoe

Map Tracker · Star Badge · left hand · blue hat · bright light

Trail: Start 21 → Clue 1 17 → Clue 2 10 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Place value): "THE BANDIT DOES NOT HAVE THE CLAW BADGE"

What number has 2 tens and 6 ones? = 26 (T) · What number has 2 tens and 3 ones? = 23 (H) · What number has 7 tens and 8 ones? = 78 (S) · What number has 6 tens and 0 ones? = 60 (O) · What number has 7 tens and 2 ones? = 72 (N) · What number has 5 tens and 0 ones? = 50 (I) · What number has 1 ten and 2 ones? = 12 (A) · What number has 6 tens and 2 ones? = 62 (L) · What number has 2 tens and 5 ones? = 25 (W) · What number has 1 ten and 5 ones? = 15 (E) · What number has 4 tens and 3 ones? = 43 (V) · What number has 2 tens and 2 ones? = 22 (C) · What number has 6 tens and 1 one? = 61 (B) · What number has 7 tens and 4 ones? = 74 (D) · What number has 5 tens and 8 ones? = 58 (G)

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

$6 + 3 = 9$ (T) · $8 + 4 = 12$ (A) · $4 + 3 = 7$ (I) · $8 + 12 = 20$ (W) · $9 + 5 = 14$ (F) · $8 + 8 = 16$ (L) · $1 + 3 = 4$ (D) · $3 + 5 = 8$ (Y) · $13 + 6 = 19$ (H) · $3 + 7 = 10$ (S) · $4 + 2 = 6$ (K) · $10 + 3 = 13$ (N) · $1 + 1 = 2$ (B) · $2 + 1 = 3$ (R) · $12 + 6 = 18$ (E)

Clue 3 (Subtraction): "THE BANDIT RUNS AWAY FROM A BRIGHT LIGHT"

$19 - 8 = 11$ (T) · $15 - 8 = 7$ (U) · $16 - 4 = 12$ (O) · $18 - 1 = 17$ (N) · $20 - 1 = 19$ (B) · $8 - 3 = 5$ (E) · $10 - 8 = 2$ (R) · $15 - 7 = 8$ (A) · $2 - 1 = 1$ (I) · $20 - 2 = 18$ (G) · $17 - 8 = 9$ (F) · $14 - 4 = 10$ (Y) · $7 - 3 = 4$ (W) · $5 - 2 = 3$ (D) · $14 - 1 = 13$ (M) · $19 - 3 = 16$ (S) · $17 - 2 = 15$ (H) · $10 - 4 = 6$ (L)

Clue 4 (Skip counting): "WE FOUND A BLUE HAT LEFT BEHIND"

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

Clue 5 (Missing addends): surviving statement is box 10 → Zoe

$9 + \underline{\quad} = 20 = 11$ · $9 + \underline{\quad} = 13 = 4$ · $7 + \underline{\quad} = 8 = 1$ · $8 + \underline{\quad} = 20 = 12$ · $8 + \underline{\quad} = 14 = 6$ · $9 + \underline{\quad} = 11 = 2$ · $10 + \underline{\quad} = 13 = 3$ · $1 + \underline{\quad} = 8 = 7$ · $2 + \underline{\quad} = 7 = 5$ · $6 + \underline{\quad} = 15 = 9$ · $8 + \underline{\quad} = 16 = 8$