



The Great Carrot Cove Caper

Grade 3 math · Addition, Word problems, Rounding, Subtraction, Missing addends · Reading level grades 3-4

Detective: _____ **Date:** _____

The legendary Golden Carrot has been stolen from the middle of Carrot Cove! The Grand Garden Keeper needs your help to track down the sneaky thief who hopped away with the prize.

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 Veggie Bandit is _____

Possible suspects

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

NAME	MAIN TRICK	SUPER JUMP STYLE	EAR STYLE	FUR PATTERN	FAVORITE TREAT
Clover Cotton	High Vaulting	Spring Bounce	Left Ear Droop	Gray Stripes	Sweet Clover
Blackberry	Brush Camouflage	Zig-Zag Hop	Left Ear Droop	Gray Stripes	Sweet Clover
Benny Bunny	High-Speed Dash	Zig-Zag Hop	Left Ear Droop	Brown Spots	Sweet Clover
Ruby Red	High Vaulting	Mega Launch	Right Ear Droop	Brown Spots	Sweet Clover
Barnaby Binks	Brush Camouflage	Hover Glide	Left Ear Droop	Brown Spots	Sweet Clover
Thumper	Brush Camouflage	Double Flip	Left Ear Droop	Brown Spots	Dandelion Tea
Hoppy Mchare	High-Speed Dash	Hover Glide	Right Ear Droop	Brown Spots	Sweet Clover
Buster Bunny	High Vaulting	Hover Glide	Left Ear Droop	Brown Spots	Dandelion Tea
Daisy Clover	High-Speed Dash	Double Flip	Right Ear Droop	Gray Stripes	Sweet Clover
Bigwig	High-Speed Dash	Double Flip	Left Ear Droop	Brown Spots	Sweet Clover
Cottontail	High Vaulting	Spring Bounce	Right Ear Droop	Brown Spots	Sweet Clover
Peter Rabbit	Silent Hopping	Hover Glide	Right Ear Droop	Gray Stripes	Sweet Clover
Hazel Wood	High Vaulting	Mega Launch	Right Ear Droop	Gray Stripes	Dandelion Tea
Bella Burrow	High Vaulting	Zig-Zag Hop	Right Ear Droop	Pure White	Crunchy Radish
Mopsy	Super Digging	Mega Launch	Right Ear Droop	Brown Spots	Dandelion Tea
Lola Bunny	Super Digging	Spring Bounce	Left Ear Droop	Brown Spots	Sweet Clover
Max Hare	Brush Camouflage	Double Flip	Left Ear Droop	Gray Stripes	Crunchy Radish
Flopsy	Brush Camouflage	Mega Launch	Left Ear Droop	Brown Spots	Sweet Clover
Fiver	Super Digging	Double Flip	Left Ear Droop	Pure White	Sweet Clover
Snowball	Brush Camouflage	Hover Glide	Left Ear Droop	Brown Spots	Crunchy Radish
Babs Bunny	High Vaulting	Mega Launch	Right Ear Droop	Pure White	Sweet Clover

CLUE 1 Addition

The guards tallied the dropped carrot tops in two garden patch piles. Let us add them up to find the first clue!

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

T								T											
575	681	700	533	508	426	374	590	575	374	271	700	981	426	271	575	419	981	700	

543	590	988	543	508	988	681	271	978

$387 + 188 = \square \rightarrow \text{T}$	$106 + 165 = \square \rightarrow \text{O}$	$185 + 234 = \square \rightarrow \text{U}$
$365 + 225 = \square \rightarrow \text{I}$	$244 + 130 = \square \rightarrow \text{D}$	$460 + 528 = \square \rightarrow \text{G}$
$270 + 411 = \square \rightarrow \text{H}$	$192 + 341 = \square \rightarrow \text{B}$	$476 + 224 = \square \rightarrow \text{E}$
$151 + 275 = \square \rightarrow \text{N}$	$632 + 349 = \square \rightarrow \text{S}$	$226 + 282 = \square \rightarrow \text{A}$
$299 + 244 = \square \rightarrow \text{Z}$	$648 + 330 = \square \rightarrow \text{P}$	

Scratch space:

CLUE 2

Word problems

A local bunny saw someone running by and wrote a word puzzle. Solve it to decode what the witness saw!

Solve each problem, then write its letter in the boxes to fill in the missing word.

A witness saw the villain was

L										O	O	P
56	71	45	68	71	70	74	59	74				

There were 96 radish seeds. 40 were used up. How many radish seeds are left?

Answer: → **L**

There were 93 carrots. 25 were used up. How many carrots are left?

Answer: → **T**

Gardener found 45 carrots yesterday and 14 more today. How many carrots in all?

Answer: → **D**

There were 99 watering cans. 28 were used up. How many watering cans are left?

Answer: → **E**

There were 111 carrots. 37 were used up. How many carrots are left?

Answer: → **R**

Gardener found 48 clover patches yesterday and 22 more today. How many clover patches in all?

Answer: → **A**

There were 64 carrots. 19 were used up. How many carrots are left?

Answer: → **F**

Scratch space:

CLUE 3 Rounding

The motion-sensor radar only displays rounded numbers of hops. Round the hop count to unlock the radar data!

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

T				T						T						
400	9000	200	2000	400	800	500	7000	200	7000	400	9000	200	70	4000	3000	7000
5000	500	800	800	4000	400	40	4000	800	5000	3000	4000	50	200	800		

Round 399 to the nearest hundred → **T**

Round 3,013 to the nearest thousand → **L**

Round 231 to the nearest hundred → **E**

Round 826 to the nearest hundred → **R**

Round 43 to the nearest ten → **F**

Round 452 to the nearest hundred → **A**

Round 9,274 to the nearest thousand → **H**

Round 4,659 to the nearest thousand → **C**

Round 1,822 to the nearest thousand → **Y**

Round 6,648 to the nearest thousand → **D**

Round 70 to the nearest ten → **G**

Round 4,257 to the nearest thousand → **O**

Round 50 to the nearest ten → **V**

Scratch space:

CLUE 4

Subtraction

We had a bundle of carrots, but some were stolen. Subtract the leftovers to see how many the thief took!

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

W									W									
800	738	866	574	692	571	387	166	755	574	800	571	587	620	574	218	218	738	387

866	692	755	574	571	218	473	738	866	738	571	894	738	

$1190 - 390 = \square \rightarrow \boxed{\text{W}}$

$264 - 98 = \square \rightarrow \boxed{\text{B}}$

$916 - 224 = \square \rightarrow \boxed{\text{U}}$

$1039 - 284 = \square \rightarrow \boxed{\text{R}}$

$1153 - 259 = \square \rightarrow \boxed{\text{C}}$

$247 - 29 = \square \rightarrow \boxed{\text{T}}$

$650 - 30 = \square \rightarrow \boxed{\text{P}}$

$795 - 322 = \square \rightarrow \boxed{\text{H}}$

$1175 - 309 = \square \rightarrow \boxed{\text{F}}$

$886 - 299 = \square \rightarrow \boxed{\text{S}}$

$497 - 110 = \square \rightarrow \boxed{\text{D}}$

$1097 - 359 = \square \rightarrow \boxed{\text{E}}$

$808 - 234 = \square \rightarrow \boxed{\text{O}}$

$754 - 183 = \square \rightarrow \boxed{\text{N}}$

Scratch space:

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

The garden scale needs to be perfectly balanced to reveal the final clue. Find the missing weight to tip the scale!

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:

$7 + \underline{\quad} = 15$

$3 + \underline{\quad} = 5$

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

$6 + \underline{\quad} = 13$

$6 + \underline{\quad} = 18$

$1 + \underline{\quad} = 7$

$8 + \underline{\quad} = 18$

$5 + \underline{\quad} = 6$

$4 + \underline{\quad} = 15$

$10 + \underline{\quad} = 14$

$5 + \underline{\quad} = 10$

Step 2 - cross out the sentence with each answer:

1. The villain vaulted clean over the tall garden wall, then used a spring bounce to clear the hedge.
2. The villain blended perfectly into the berry bushes, then used a hover glide to cross the muddy puddle.
3. The villain dug a secret tunnel under the gate, then used a spring bounce to clear the hedge.
4. The villain blended perfectly into the berry bushes, then used a spring bounce to clear the hedge.
5. The villain vaulted clean over the tall garden wall, then did a mega launch off the wooden bench.
6. The villain hopped silently across the crunchy dry leaves, then did a double flip over the fence.
7. The villain vaulted clean over the tall garden wall, then made a wild zig-zag hop through the flower beds.
8. The villain blended perfectly into the berry bushes, then did a mega launch off the wooden bench.
9. The villain dashed past the sleeping guard dogs, then did a double flip over the fence.
10. The villain dashed past the sleeping guard dogs, then used a spring bounce to clear the hedge.
11. The villain hopped silently across the crunchy dry leaves, then used a spring bounce to clear the hedge.
12. The villain vaulted clean over the tall garden wall, then did a double flip over the fence.

Answer Key

The Great Carrot Cove Caper

Culprit: Lola Bunny

Super Digging · Spring Bounce · Left Ear Droop · Brown Spots · Sweet Clover

Trail: Start 21 → Clue 1 18 → Clue 2 10 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE BANDIT DOES NOT USE ZIG ZAG HOP"

$387 + 188 = 575$ (T) · $106 + 165 = 271$ (O) · $185 + 234 = 419$ (U) · $365 + 225 = 590$ (I) · $244 + 130 = 374$ (D) · $460 + 528 = 988$ (G) · $270 + 411 = 681$ (H) · $192 + 341 = 533$ (B) · $476 + 224 = 700$ (E) · $151 + 275 = 426$ (N) · $632 + 349 = 981$ (S) · $226 + 282 = 508$ (A) · $299 + 244 = 543$ (Z) · $648 + 330 = 978$ (P)

Clue 2 (Word problems): "LEFT EAR DROOP"

There were 96 radish seeds. 40 were used up. How many radish seeds are left? = 56 (L) · There were 93 carrots. 25 were used up. How many carrots are left? = 68 (T) · Gardener found 45 carrots yesterday and 14 more today. How many carrots in all? = 59 (D) · There were 99 watering cans. 28 were used up. How many watering cans are left? = 71 (E) · There were 111 carrots. 37 were used up. How many carrots are left? = 74 (R) · Gardener found 48 clover patches yesterday and 22 more today. How many clover patches in all? = 70 (A) · There were 64 carrots. 19 were used up. How many carrots are left? = 45 (F)

Clue 3 (Rounding): "THEY TRADED THE GOLD CARROT FOR CLOVER"

Round 399 to the nearest hundred = 400 (T) · Round 3,013 to the nearest thousand = 3000 (L) · Round 231 to the nearest hundred = 200 (E) · Round 826 to the nearest hundred = 800 (R) · Round 43 to the nearest ten = 40 (F) · Round 452 to the nearest hundred = 500 (A) · Round 9,274 to the nearest thousand = 9000 (H) · Round 4,659 to the nearest thousand = 5000 (C) · Round 1,822 to the nearest thousand = 2000 (Y) · Round 6,648 to the nearest thousand = 7000 (D) · Round 70 to the nearest ten = 70 (G) · Round 4,257 to the nearest thousand = 4000 (O) · Round 50 to the nearest ten = 50 (V)

Clue 4 (Subtraction): "WE FOUND BROWN SPOTTED FUR ON THE FENCE"

$1190 - 390 = 800$ (W) · $264 - 98 = 166$ (B) · $916 - 224 = 692$ (U) · $1039 - 284 = 755$ (R) · $1153 - 259 = 894$ (C) · $247 - 29 = 218$ (T) · $650 - 30 = 620$ (P) · $795 - 322 = 473$ (H) · $1175 - 309 = 866$ (F) · $886 - 299 = 587$ (S) · $497 - 110 = 387$ (D) · $1097 - 359 = 738$ (E) · $808 - 234 = 574$ (O) · $754 - 183 = 571$ (N)

Clue 5 (Missing addends): surviving statement is box 3 → Lola Bunny

$7 + \underline{\quad} = 15 = 8$ · $3 + \underline{\quad} = 5 = 2$ · $1 + \underline{\quad} = 10 = 9$ · $6 + \underline{\quad} = 13 = 7$ · $6 + \underline{\quad} = 18 = 12$ · $1 + \underline{\quad} = 7 = 6$ · $8 + \underline{\quad} = 18 = 10$ · $5 + \underline{\quad} = 6 = 1$ · $4 + \underline{\quad} = 15 = 11$ · $10 + \underline{\quad} = 14 = 4$ · $5 + \underline{\quad} = 10 = 5$