

The Great Golden Carrot Heist

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

Detective: _____ Date: _____

Someone has raided the Carrot Cove Vault and swapped the legendary Golden Carrot with a painted fake! Detective Bun-bun is on the case. We must find the rogue rabbit who did this before the Great Spring Hop!

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 rogue rabbit is _____

Possible suspects

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

NAME	HOPPY ABILITY	SUPER GADGET	EAR TWITCH	FUR COLOR	DISTRACTION
Lola Bunny	Mega Tunnel Digging	Glitter Egg Launcher	Right Ear Twitch	Fluffy Brown Fur	Sweet Clover Patch
Hazel	Super High Jump	Glitter Egg Launcher	Right Ear Twitch	Fluffy Brown Fur	Crunchy Celery
Bella	Super Ears Radar	Laser Toy Pointer	Right Ear Twitch	Spotted Grey Fur	Sweet Clover Patch
Mopsy	Super Ears Radar	Rocket Jump Boots	Left Ear Twitch	Spotted Grey Fur	Crunchy Celery
Snowball	Super Ears Radar	Rocket Jump Boots	Right Ear Twitch	Fluffy Brown Fur	Crunchy Celery
Flopsy	Mega Tunnel Digging	Robo Carrot Drill	Right Ear Twitch	Fluffy Brown Fur	Crunchy Celery
Peter Rabbit	Mega Tunnel Digging	Laser Toy Pointer	Right Ear Twitch	Snowy White Fur	Shiny Toy Bells
Nibbles	Super Ears Radar	Laser Toy Pointer	Left Ear Twitch	Spotted Grey Fur	Shiny Toy Bells
Roger Rabbit	Mega Tunnel Digging	Super Spring Lasso	Right Ear Twitch	Spotted Grey Fur	Shiny Toy Bells
Daisy	Sonic Foot Thumping	Glitter Egg Launcher	Right Ear Twitch	Fluffy Brown Fur	Shiny Toy Bells
Babs Bunny	Sonic Foot Thumping	Glitter Egg Launcher	Left Ear Twitch	Fluffy Brown Fur	Crunchy Celery
Clover	Rapid Lettuce Chomp	Robo Carrot Drill	Left Ear Twitch	Snowy White Fur	Shiny Toy Bells
Bigwig	Super Ears Radar	Glitter Egg Launcher	Left Ear Twitch	Fluffy Brown Fur	Shiny Toy Bells
Copper	Mega Tunnel Digging	Glitter Egg Launcher	Right Ear Twitch	Fluffy Brown Fur	Crunchy Celery
Thumper	Rapid Lettuce Chomp	Robo Carrot Drill	Right Ear Twitch	Spotted Grey Fur	Crunchy Celery
Cottontail	Super High Jump	Super Spring Lasso	Right Ear Twitch	Spotted Grey Fur	Shiny Toy Bells
Bugs Bunny	Super Ears Radar	Laser Toy Pointer	Right Ear Twitch	Fluffy Brown Fur	Crunchy Celery
Buster Bunny	Mega Tunnel Digging	Super Spring Lasso	Right Ear Twitch	Spotted Grey Fur	Sweet Clover Patch
Fiver	Super Ears Radar	Super Spring Lasso	Left Ear Twitch	Spotted Grey Fur	Shiny Toy Bells
Nutmeg	Super High Jump	Robo Carrot Drill	Right Ear Twitch	Snowy White Fur	Sweet Clover Patch
Barnaby	Rapid Lettuce Chomp	Glitter Egg Launcher	Right Ear Twitch	Snowy White Fur	Crunchy Celery

CLUE 1 Addition

We need to count all the stolen turnips left in the field. Let's add up the small piles of turnips to find the total and unlock our first big clue!

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

T																T
970	844	696	586	599	977	977	962	599	760	403	719	696	758	760	719	970
							T									T
523	758	696	642	719	747	868	696	970	560	523	396	658	497	719	719	970

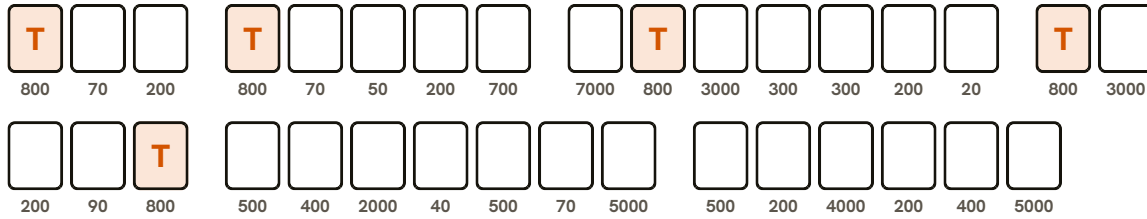
$374 + 596 = \square \rightarrow \text{[T]}$	$220 + 366 = \square \rightarrow \text{[V]}$	$578 + 399 = \square \rightarrow \text{[L]}$
$229 + 518 = \square \rightarrow \text{[C]}$	$120 + 283 = \square \rightarrow \text{[D]}$	$389 + 210 = \square \rightarrow \text{[I]}$
$420 + 299 = \square \rightarrow \text{[O]}$	$480 + 364 = \square \rightarrow \text{[H]}$	$145 + 251 = \square \rightarrow \text{[M]}$
$240 + 320 = \square \rightarrow \text{[J]}$	$317 + 206 = \square \rightarrow \text{[U]}$	$523 + 237 = \square \rightarrow \text{[N]}$
$243 + 453 = \square \rightarrow \text{[E]}$	$221 + 437 = \square \rightarrow \text{[P]}$	$233 + 264 = \square \rightarrow \text{[B]}$
$421 + 447 = \square \rightarrow \text{[K]}$	$506 + 252 = \square \rightarrow \text{[S]}$	$447 + 195 = \square \rightarrow \text{[R]}$
$584 + 378 = \square \rightarrow \text{[A]}$		

Scratch space:

CLUE 3 Rounding

The high-tech carrot scale is broken and only shows weights rounded to the nearest ten. Round the numbers to get the machine working and read the radar clue.

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



Round 808 to the nearest hundred → **T**

Round 69 to the nearest ten → **H**

Round 186 to the nearest hundred → **E**

Round 4,907 to the nearest thousand → **Y**

Round 279 to the nearest hundred → **P**

Round 89 to the nearest ten → **A**

Round 6,704 to the nearest thousand → **S**

Round 360 to the nearest hundred → **R**

Round 51 to the nearest ten → **I**

Round 2,585 to the nearest thousand → **O**

Round 41 to the nearest ten → **N**

Round 525 to the nearest hundred → **C**

Round 2,049 to the nearest thousand → **U**

Round 688 to the nearest hundred → **F**

Round 20 to the nearest ten → **D**

Round 3,649 to the nearest thousand → **L**

Scratch space:

CLUE 4 Subtraction

The thief took some clover from our stash. Subtract the eaten clover from the starting pile to see how much is left and uncover a hidden clue.

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

T																
245	532	337	495	337	426	411	337	532	236	598	495	691	707	495	495	228
161	277	131	774	426	495	707	277	131	426	897	245					

602 - 357 = → T	660 - 383 = → R	453 - 322 = → O
1122 - 348 = → W	270 - 42 = → Y	796 - 89 = → U
1041 - 350 = → L	486 - 149 = → E	293 - 57 = → A
1188 - 291 = → I	563 - 152 = → C	723 - 297 = → N
449 - 288 = → B	821 - 326 = → F	599 - 67 = → H
959 - 361 = → D		

Scratch space:

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

To get the key from the guard squirrels, we must share our acorn harvest equally among them. Divide the acorns into equal groups to unlock 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:

$9 \div 9 = \boxed{}$

$63 \div 7 = \boxed{}$

$40 \div 5 = \boxed{}$

$60 \div 6 = \boxed{}$

$12 \div 1 = \boxed{}$

$50 \div 10 = \boxed{}$

$18 \div 9 = \boxed{}$

$44 \div 11 = \boxed{}$

$21 \div 7 = \boxed{}$

$33 \div 3 = \boxed{}$

$28 \div 4 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain tunnels deep under the carrot patch, then drills through the vault floor.
2. The villain thumps their feet to make a distraction, then grabs the loot with a spring lasso.
3. The villain thumps their feet to make a distraction, then blinds the cameras with a laser pointer.
4. The villain chomps through the security lettuce, then blinds the cameras with a laser pointer.
5. The villain tunnels deep under the carrot patch, then zooms away on rocket boots.
6. The villain uses big ears to listen for guards, then blinds the cameras with a laser pointer.
7. The villain uses big ears to listen for guards, then drills through the vault floor.
8. The villain tunnels deep under the carrot patch, then blasts a glitter bomb egg to escape.
9. The villain leaps over the garden wall, then blasts a glitter bomb egg to escape.
10. The villain leaps over the garden wall, then grabs the loot with a spring lasso.
11. The villain chomps through the security lettuce, then zooms away on rocket boots.
12. The villain chomps through the security lettuce, then drills through the vault floor.

Answer Key

The Great Golden Carrot Heist

Culprit: Bugs Bunny

Super Ears Radar · Laser Toy Pointer · Right Ear Twitch · Fluffy Brown Fur · Crunchy Celery

Trail: Start 21 → Clue 1 19 → Clue 2 14 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE VILLAIN DOES NOT USE ROCKET JUMP BOOTS"

$374 + 596 = 970$ (T) · $220 + 366 = 586$ (V) · $578 + 399 = 977$ (L) · $229 + 518 = 747$ (C) · $120 + 283 = 403$ (D) · $389 + 210 = 599$ (I) · $420 + 299 = 719$ (O) · $480 + 364 = 844$ (H) · $145 + 251 = 396$ (M) · $240 + 320 = 560$ (J) · $317 + 206 = 523$ (U) · $523 + 237 = 760$ (N) · $243 + 453 = 696$ (E) · $221 + 437 = 658$ (P) · $233 + 264 = 497$ (B) · $421 + 447 = 868$ (K) · $506 + 252 = 758$ (S) · $447 + 195 = 642$ (R) · $584 + 378 = 962$ (A)

Clue 2 (Word problems): "RIGHT EAR TWITCH"

There were 78 dandelions. 9 were used up. How many dandelions are left? = 69 (R) · There were 78 toy bells. 8 were used up. How many toy bells are left? = 70 (A) · Bunny Detective found 2 clover leaves yesterday and 23 more today. How many clover leaves in all? = 25 (H) · There were 74 radishes. 21 were used up. How many radishes are left? = 53 (T) · There were 93 radishes. 17 were used up. How many radishes are left? = 76 (E) · Bunny Detective lined up 3 rows of 3 clover leaves. How many clover leaves in all? = 9 (G) · Bunny Detective found 29 toy bells yesterday and 33 more today. How many toy bells in all? = 62 (I)

Clue 3 (Rounding): "THE THIEF STOPPED TO EAT CRUNCHY CELERY"

Round 808 to the nearest hundred = 800 (T) · Round 69 to the nearest ten = 70 (H) · Round 186 to the nearest hundred = 200 (E) · Round 4,907 to the nearest thousand = 5000 (Y) · Round 279 to the nearest hundred = 300 (P) · Round 89 to the nearest ten = 90 (A) · Round 6,704 to the nearest thousand = 7000 (S) · Round 360 to the nearest hundred = 400 (R) · Round 51 to the nearest ten = 50 (I) · Round 2,585 to the nearest thousand = 3000 (O) · Round 41 to the nearest ten = 40 (N) · Round 525 to the nearest hundred = 500 (C) · Round 2,049 to the nearest thousand = 2000 (U) · Round 688 to the nearest hundred = 700 (F) · Round 20 to the nearest ten = 20 (D) · Round 3,649 to the nearest thousand = 4000 (L)

Clue 4 (Subtraction): "THE FENCE HAD FLUFFY BROWN FUR ON IT"

$602 - 357 = 245$ (T) · $660 - 383 = 277$ (R) · $453 - 322 = 131$ (O) · $1122 - 348 = 774$ (W) · $270 - 42 = 228$ (Y) · $796 - 89 = 707$ (U) · $1041 - 350 = 691$ (L) · $486 - 149 = 337$ (E) · $293 - 57 = 236$ (A) · $1188 - 291 = 897$ (I) · $563 - 152 = 411$ (C) · $723 - 297 = 426$ (N) · $449 - 288 = 161$ (B) · $821 - 326 = 495$ (F) · $599 - 67 = 532$ (H) · $959 - 361 = 598$ (D)

Clue 5 (Division facts (1-12)): surviving statement is box 6 → Bugs Bunny

$9 \div 9 = 1$ · $63 \div 7 = 9$ · $40 \div 5 = 8$ · $60 \div 6 = 10$ · $12 \div 1 = 12$ · $50 \div 10 = 5$ · $18 \div 9 = 2$ · $44 \div 11 = 4$ · $21 \div 7 = 3$ · $33 \div 3 = 11$ · $28 \div 4 = 7$