# The Golden Squeaker Caper

Grade 2 math · Place value, Addition, Subtraction, Skip counting, Missing addends · Reading level grades 3-4

**Detective:** _____ **Date:** _____

Someone snuck into the Barkingburg Puppy Palace and took the legendary Golden Squeaker Toy! The treat room is a mess of paw prints and spilled kibble. All the clever puppies are suspects, but they all have different tricks, collar charms, and fur types. Let us use our detective skills to sniff out the thief!

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 puppy bandit is** _____

## Possible suspects

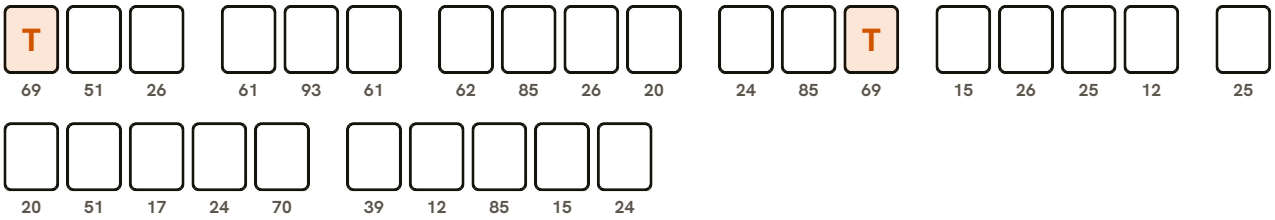
Cross off a row as each clue rules it out. The one left at the end is the culprit.

| NAME | FAVORITE TRICK | COLLAR CHARM | PUPPY TYPE | FUR TYPE | DISTRACTION |
|---|---|---|---|---|---|
| **Cooper** | belly slide | shiny crown | boy pup | scruffy wire | peanut butter |
| **Flossie** | belly slide | star medal | boy pup | curly fluff | tennis ball |
| **Ziggy** | super pounce | silver bell | boy pup | scruffy wire | tennis ball |
| **Gizmo** | backflip spin | bone badge | boy pup | curly fluff | peanut butter |
| **Nala** | super pounce | silver bell | boy pup | scruffy wire | peanut butter |
| **Waffles** | high five | star medal | boy pup | scruffy wire | squeaky duck |
| **Barnaby** | belly slide | bone badge | boy pup | curly fluff | peanut butter |
| **Otis** | belly slide | shiny crown | girl pup | curly fluff | peanut butter |
| **Milo** | backflip spin | shiny crown | boy pup | scruffy wire | tennis ball |
| **Elwood** | belly slide | heart tag | boy pup | scruffy wire | tennis ball |
| **Rusty** | double bark | star medal | girl pup | silky smooth | squeaky duck |
| **Moose** | super pounce | bone badge | boy pup | silky smooth | tennis ball |
| **Bubbles** | super pounce | bone badge | girl pup | scruffy wire | peanut butter |
| **Lola** | super pounce | heart tag | girl pup | curly fluff | peanut butter |
| **Hazel** | belly slide | bone badge | boy pup | scruffy wire | tennis ball |
| **Jax** | super pounce | bone badge | girl pup | scruffy wire | tennis ball |
| **Sadie** | belly slide | silver bell | girl pup | silky smooth | squeaky duck |
| **Iggy** | high five | silver bell | boy pup | scruffy wire | tennis ball |
| **Pip** | super pounce | star medal | boy pup | scruffy wire | peanut butter |
| **Daisy** | double bark | shiny crown | boy pup | scruffy wire | peanut butter |
| **Toby** | high five | bone badge | girl pup | curly fluff | tennis ball |

## CLUE 1 Place value (tens & ones)

> The detective counts the treat jars on the shelves. They are sorted into boxes of tens and loose ones. Looking at the digit in the tens place tells us which drawer holds the first clue.

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



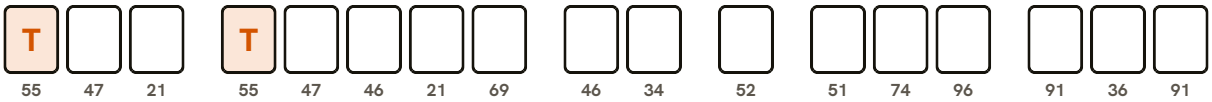

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| What number has 6 tens and 9 ones? | | T | What number has 7 tens and 0 ones? | | Y | What number has 1 ten and 7 ones? | | I |
| What number has 1 ten and 5 ones? | | W | What number has 1 ten and 2 ones? | | R | What number has 9 tens and 3 ones? | | U |
| What number has 2 tens and 0 ones? | | S | What number has 3 tens and 9 ones? | | C | What number has 5 tens and 1 one? | | H |
| What number has 6 tens and 2 ones? | | D | What number has 8 tens and 5 ones? | | O | What number has 2 tens and 5 ones? | | A |
| What number has 2 tens and 6 ones? | | E | What number has 2 tens and 4 ones? | | N | What number has 6 tens and 1 one? | | P |

Scratch space:

## CLUE 2 Addition

> The detective counts the chew toys left on the grass. Adding the blue bones and red bones together gives the secret locker combination where we found the next clue.

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



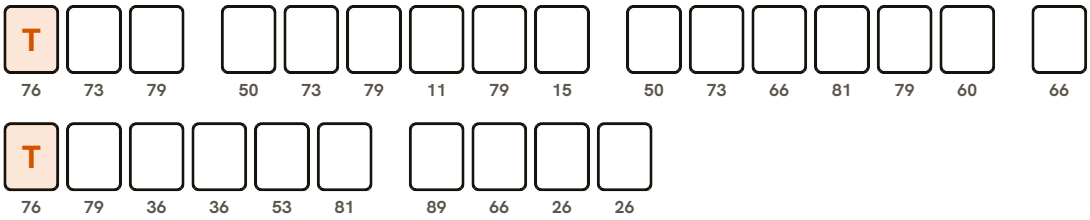

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 + 36 = | | T | 68 + 28 = | | Y | 48 + 21 = | | F |
| 32 + 19 = | | B | 53 + 38 = | | P | 52 + 22 = | | O |
| 20 + 26 = | | I | 26 + 26 = | | A | 25 + 22 = | | H |
| 17 + 17 = | | S | 22 + 14 = | | U | 7 + 14 = | | E |

Scratch space:

## CLUE 3 Subtraction

> The puppies ate some snacks. We had forty dog biscuits, but now we have less. Subtracting the remaining treats tells us how many footprints to follow on the path.

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



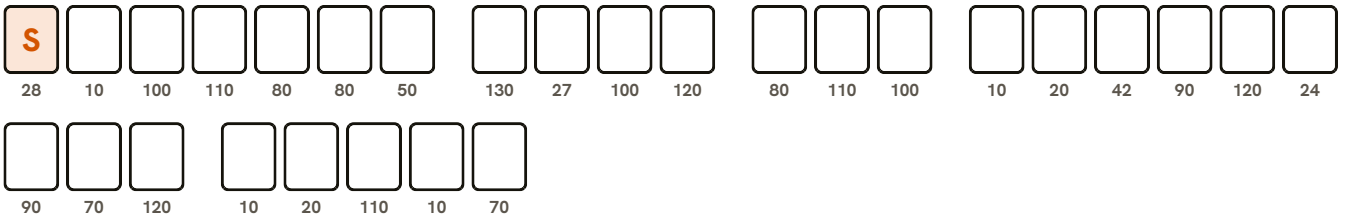

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 102 - 26 = | | T | 115 - 34 = | | S | 104 - 31 = | | H |
| 58 - 22 = | | N | 98 - 9 = | | B | 104 - 25 = | | E |
| 84 - 34 = | | C | 23 - 12 = | | W | 17 - 2 = | | R |
| 81 - 21 = | | D | 74 - 21 = | | I | 61 - 35 = | | L |
| 101 - 35 = | | A | | | | | | |

Scratch space:

## CLUE 4 Skip counting

> The agility cones are placed in a pattern. Skip counting by fives along the row reveals the hidden pocket containing a scrap of fur.

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




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

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, ___, 100, 110 ☐ **T**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, ___, 110, 120 ☐ **R**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, ___, 140, 150 ☐ **W**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, ___, 90, 100 ☐ **F**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, ___, 60, 70 ☐ **Y**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, ___, 12, 14 ☐ **C**

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, ___, 30, 33 ☐ **I**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, ___, 27, 30 ☐ **D**

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

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, ___, 22, 24 ☐ **O**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, ___, 45, 48 ☐ **A**

Scratch space:

## CLUE 5 Missing addends - the last clue

> We need twelve puppy badges, but only nine are on the board. Finding how many are missing unlocks the final clue box.

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:**

| | | |
|---|---|---|
| 10 + ___ = 20 ☐ | 7 + ___ = 9 ☐ | 9 + ___ = 18 ☐ |
| 7 + ___ = 10 ☐ | 8 + ___ = 15 ☐ | 8 + ___ = 20 ☐ |
| 6 + ___ = 11 ☐ | 9 + ___ = 10 ☐ | 1 + ___ = 7 ☐ |
| 1 + ___ = 9 ☐ | 5 + ___ = 9 ☐ | |

**Step 2 - cross out the sentence with each answer:**

1. The villain made a super pounce onto the counter, then dropped a star medal near the bowl.
2. The villain slid on its belly past the cameras, then left a heart tag in the toy box.
3. The villain did a backflip spin over the gate, then left a heart tag in the toy box.
4. The villain let out a loud double bark, then lost a bone badge in the rug.
5. The villain slid on its belly past the cameras, then dropped a star medal near the bowl.
6. The villain let out a loud double bark, then scratched a shiny crown on the wall.
7. The villain let out a loud double bark, then left a heart tag in the toy box.
8. The villain gave a high five to the guard, then dropped a star medal near the bowl.
9. The villain gave a high five to the guard, then rang a silver bell on the door.
10. The villain slid on its belly past the cameras, then lost a bone badge in the rug.
11. The villain made a super pounce onto the counter, then rang a silver bell on the door.
12. The villain did a backflip spin over the gate, then lost a bone badge in the rug.

TEACHER / PARENT

# Answer Key

The Golden Squeaker Caper

## Culprit: Ziggy

super pounce · silver bell · boy pup · scruffy wire · tennis ball

Trail: Start 21 → Clue 1 17 → Clue 2 11 → Clue 3 6 → Clue 4 4 → Clue 5 1

### Clue 1 (Place value (tens & ones)): "THE PUP DOES NOT WEAR A SHINY CROWN"

What number has 6 tens and 9 ones? = 69 (T) · What number has 7 tens and 0 ones? = 70 (Y) · What number has 1 ten and 7 ones? = 17 (I) · What number has 1 ten and 5 ones? = 15 (W) · What number has 1 ten and 2 ones? = 12 (R) · What number has 9 tens and 3 ones? = 93 (U) · What number has 2 tens and 0 ones? = 20 (S) · What number has 3 tens and 9 ones? = 39 (C) · What number has 5 tens and 1 one? = 51 (H) · What number has 6 tens and 2 ones? = 62 (D) · What number has 8 tens and 5 ones? = 85 (O) · What number has 2 tens and 5 ones? = 25 (A) · What number has 2 tens and 6 ones? = 26 (E) · What number has 2 tens and 4 ones? = 24 (N) · What number has 6 tens and 1 one? = 61 (P)

### Clue 2 (Addition): "THE THIEF IS A BOY PUP"

19 + 36 = 55 (T) · 68 + 28 = 96 (Y) · 48 + 21 = 69 (F) · 32 + 19 = 51 (B) · 53 + 38 = 91 (P) · 52 + 22 = 74 (O) · 20 + 26 = 46 (I) · 26 + 26 = 52 (A) · 25 + 22 = 47 (H) · 17 + 17 = 34 (S) · 22 + 14 = 36 (U) · 7 + 14 = 21 (E)

### Clue 3 (Subtraction): "THE CHEWER CHASED A TENNIS BALL"

102 - 26 = 76 (T) · 115 - 34 = 81 (S) · 104 - 31 = 73 (H) · 58 - 22 = 36 (N) · 98 - 9 = 89 (B) · 104 - 25 = 79 (E) · 84 - 34 = 50 (C) · 23 - 12 = 11 (W) · 17 - 2 = 15 (R) · 81 - 21 = 60 (D) · 74 - 21 = 53 (I) · 61 - 35 = 26 (L) · 101 - 35 = 66 (A)

### Clue 4 (Skip counting): "SCRUFFY WIRE FUR COATED THE COUCH"

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, ___, 30, 32 = 28 (S) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, ___, 100, 110 = 90 (T) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, ___, 110, 120 = 100 (R) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, ___, 140, 150 = 130 (W) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, ___, 90, 100 = 80 (F) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, ___, 60, 70 = 50 (Y) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, ___, 12, 14 = 10 (C) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, ___, 130, 140 = 120 (E) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, ___, 30, 33 = 27 (I) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, ___, 27, 30 = 24 (D) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, ___, 75, 80 = 70 (H) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, ___, 120, 130 = 110 (U) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, ___, 22, 24 = 20 (O) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, ___, 45, 48 = 42 (A)

### Clue 5 (Missing addends): surviving statement is box 11 → Ziggy

10 + ___ = 20 = 10 · 7 + ___ = 9 = 2 · 9 + ___ = 18 = 9 · 7 + ___ = 10 = 3 · 8 + ___ = 15 = 7 · 8 + ___ = 20 = 12 · 6 + ___ = 11 = 5 · 9 + ___ = 10 = 1 · 1 + ___ = 7 = 6 · 1 + ___ = 9 = 8 · 5 + ___ = 9 = 4