



The Thanksgiving Turkey Chase

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

Detective: _____ **Date:** _____

The Golden Cranberry Trophy has vanished right before the big Thanksgiving feast! A sneaky turkey has run off with it. The Grand Carver needs your help to track down the tricky bird and save the holiday dinner!

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 Gobble Bandit is _____

Possible suspects

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

NAME	GOBBLE POWER	PARADE GEAR	WING BIAS	FEATHER COLOR	FOOD WEAKNESS
Plumpy	feather flutter	red bowtie	right-winged	brown feathers	apple cider
Yam	feather flutter	warm scarf	right-winged	brown feathers	cranberry sauce
Acorn	loud gobble	shiny bell	right-winged	brown feathers	cranberry sauce
Harvest	super waddle	red bowtie	left-winged	white feathers	cranberry sauce
Gobbler	super waddle	warm scarf	left-winged	brown feathers	apple cider
Pecan	feather flutter	gold badge	left-winged	brown feathers	pumpkin pie
Pumpkin	loud gobble	gold badge	left-winged	brown feathers	cranberry sauce
Flaps	corn peck	red bowtie	left-winged	brown feathers	pumpkin pie
Cranberry	super waddle	shiny bell	left-winged	brown feathers	cranberry sauce
Gravy	berry toss	shiny bell	left-winged	white feathers	pumpkin pie
Stuffing	feather flutter	buckle hat	right-winged	bronze feathers	cranberry sauce
Cobbler	feather flutter	gold badge	right-winged	bronze feathers	pumpkin pie
Maize	corn peck	buckle hat	left-winged	brown feathers	pumpkin pie
Snood	loud gobble	gold badge	left-winged	white feathers	apple cider
Tom	feather flutter	red bowtie	right-winged	brown feathers	pumpkin pie
Giblet	loud gobble	red bowtie	right-winged	bronze feathers	cranberry sauce
Beaky	corn peck	red bowtie	right-winged	bronze feathers	apple cider
Peck	feather flutter	buckle hat	left-winged	brown feathers	pumpkin pie
Butterball	super waddle	buckle hat	right-winged	white feathers	cranberry sauce
Feather	loud gobble	shiny bell	left-winged	white feathers	cranberry sauce
Roosty	feather flutter	red bowtie	left-winged	brown feathers	pumpkin pie

CLUE 1

Addition

The Barnyard Patrol adds up all the missing corn cobs to find the first clue.

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

T									T									T
16	10	12	18	14	6	11	19	16	11	4	12	9	6	4	16			
13	12	14	3	14	8	4	7	11	18	14	11	8	12					

$9 + 7 = \square \rightarrow \boxed{\text{T}}$

$5 + 2 = \square \rightarrow \boxed{\text{L}}$

$8 + 5 = \square \rightarrow \boxed{\text{W}}$

$3 + 1 = \square \rightarrow \boxed{\text{O}}$

$2 + 4 = \square \rightarrow \boxed{\text{N}}$

$5 + 5 = \square \rightarrow \boxed{\text{H}}$

$8 + 11 = \square \rightarrow \boxed{\text{I}}$

$7 + 5 = \square \rightarrow \boxed{\text{E}}$

$5 + 4 = \square \rightarrow \boxed{\text{S}}$

$4 + 10 = \square \rightarrow \boxed{\text{A}}$

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

$4 + 7 = \square \rightarrow \boxed{\text{D}}$

$5 + 3 = \square \rightarrow \boxed{\text{G}}$

$7 + 11 = \square \rightarrow \boxed{\text{B}}$

Scratch space:

CLUE 2

Subtraction

The head chef subtracts the spilled cranberries from the pie basket to spot a hint.

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

T			T															T
1	10	17	1	10	6	17	19	8	17	13	14	17	18	13	8	17	19	1

								T
12	6	15	2	3	16	6	15	1

$8 - 7 = \square \rightarrow \boxed{\text{T}}$

$15 - 2 = \square \rightarrow \boxed{\text{A}}$

$13 - 1 = \square \rightarrow \boxed{\text{W}}$

$11 - 1 = \square \rightarrow \boxed{\text{H}}$

$20 - 6 = \square \rightarrow \boxed{\text{V}}$

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

$7 - 4 = \square \rightarrow \boxed{\text{P}}$

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

$9 - 3 = \square \rightarrow \boxed{\text{I}}$

$7 - 5 = \square \rightarrow \boxed{\text{G}}$

$20 - 4 = \square \rightarrow \boxed{\text{R}}$

$10 - 2 = \square \rightarrow \boxed{\text{L}}$

$19 - 1 = \square \rightarrow \boxed{\text{S}}$

$18 - 3 = \square \rightarrow \boxed{\text{N}}$

Scratch space:

CLUE 3 Skip counting

We count the turkey tracks by twos all the way to the old oak tree.

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

T			T											
10	24	90	10	24	21	90	65	80	33	8	65	80	36	28
12	27	28	12	140	21	8	12	21	90					

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, __, 12, 14 → **T**

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, __, 26, 28 → **H**

Skip-count by 2s. Fill the blank: 2, 4, 6, __, 10, 12 → **N**

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, __, 39, 42 → **O**

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

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, __, 36, 39 → **A**

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, __, 70, 75 → **F**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, __, 150, 160 → **K**

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

Scratch space:

CLUE 4
Place value

We find a feather scale showing tens and ones of tiny seeds.

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

B																	
45	70	97	44	80	56	69	35	25	15	69	70	42	44	69	70	69	

				B					
55	69	56	25	45	69	15	96	80	65

What number has 4 tens and 5 ones? → **B**

What number has 4 tens and 2 ones? → **S**

What number has 6 tens and 5 ones? → **D**

What number has 6 tens and 9 ones? → **E**

What number has 4 tens and 4 ones? → **W**

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

What number has 3 tens and 5 ones? → **A**

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

What number has 7 tens and 0 ones? → **R**

What number has 9 tens and 7 ones? → **O**

What number has 5 tens and 6 ones? → **F**

What number has 9 tens and 6 ones? → **I**

What number has 5 tens and 5 ones? → **L**

What number has 8 tens and 0 ones? → **N**

Scratch space:

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

We need ten pumpkins but only have seven so we look for the rest.

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:

$7 + \underline{\quad} = 19$

$8 + \underline{\quad} = 19$

$5 + \underline{\quad} = 12$

$2 + \underline{\quad} = 10$

$6 + \underline{\quad} = 16$

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

$3 + \underline{\quad} = 7$

$3 + \underline{\quad} = 12$

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

$3 + \underline{\quad} = 8$

$9 + \underline{\quad} = 10$

Step 2 - cross out the sentence with each answer:

1. The villain fluttered its feathers, then adjusted its warm scarf.
2. The villain fluttered its feathers, then polished its gold badge.
3. The villain pecked some corn, then rang its shiny bell.
4. The villain tossed sweet berries, then adjusted its warm scarf.
5. The villain waddled very fast, then rang its shiny bell.
6. The villain pecked some corn, then straightened its red bowtie.
7. The villain fluttered its feathers, then straightened its red bowtie.
8. The villain gobbled loudly, then straightened its red bowtie.
9. The villain pecked some corn, then adjusted its warm scarf.
10. The villain waddled very fast, then tipped its buckle hat.
11. The villain fluttered its feathers, then tipped its buckle hat.
12. The villain pecked some corn, then tipped its buckle hat.

Answer Key

The Thanksgiving Turkey Chase

Culprit: Flaps

corn peck · red bowtie · left-winged · brown feathers · pumpkin pie

Trail: Start 21 → Clue 1 17 → Clue 2 9 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE BANDIT DOES NOT WEAR A GOLD BADGE"

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

Clue 2 (Subtraction): "THE THIEF LEAVES A LEFT WINGPRINT"

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

Clue 3 (Skip counting): "THE THIEF RAN FROM PUMPKIN PIE"

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, __, 12, 14 = 10 (T) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, __, 30, 33 = 27 (U) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, __, 26, 28 = 24 (H) · Skip-count by 2s. Fill the blank: 2, 4, 6, __, 10, 12 = 8 (N) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, __, 90, 100 = 80 (R) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, __, 39, 42 = 36 (O) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, __, 30, 32 = 28 (M) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, __, 24, 27 = 21 (I) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, __, 36, 39 = 33 (A) · Skip-count by 3s. Fill the blank: 3, 6, 9, __, 15, 18 = 12 (P) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, __, 70, 75 = 65 (F) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, __, 150, 160 = 140 (K) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, __, 100, 110 = 90 (E)

Clue 4 (Place value): "BROWN FEATHERS WERE LEFT BEHIND"

What number has 4 tens and 5 ones? = 45 (B) · What number has 4 tens and 2 ones? = 42 (S) · What number has 6 tens and 5 ones? = 65 (D) · What number has 6 tens and 9 ones? = 69 (E) · What number has 4 tens and 4 ones? = 44 (W) · What number has 2 tens and 5 ones? = 25 (T) · What number has 3 tens and 5 ones? = 35 (A) · What number has 1 ten and 5 ones? = 15 (H) · What number has 7 tens and 0 ones? = 70 (R) · What number has 9 tens and 7 ones? = 97 (O) · What number has 5 tens and 6 ones? = 56 (F) · What number has 9 tens and 6 ones? = 96 (I) · What number has 5 tens and 5 ones? = 55 (L) · What number has 8 tens and 0 ones? = 80 (N)

Clue 5 (Missing addends): surviving statement is box 6 → Flaps

$7 + \underline{\quad} = 19 = 12$ · $8 + \underline{\quad} = 19 = 11$ · $5 + \underline{\quad} = 12 = 7$ · $2 + \underline{\quad} = 10 = 8$ · $6 + \underline{\quad} = 16 = 10$ · $10 + \underline{\quad} = 13 = 3$ · $3 + \underline{\quad} = 7 = 4$ · $3 + \underline{\quad} = 12 = 9$ · $9 + \underline{\quad} = 11 = 2$ · $3 + \underline{\quad} = 8 = 5$ · $9 + \underline{\quad} = 10 = 1$