

The Great Thanksgiving Caper

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

Detective: _____ Date: _____

Oh no! A sneaky bird took the Golden Cranberry right before the big feast. Mayor Gobbler needs your help to find the thief and save Thanksgiving!

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 Feather Thief is _____

Possible suspects

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

NAME	TURKEY POWER	TURKEY GEAR	FOOTPRINT	FEATHER COLOR	WEAKNESS
Rusty	Loud Gobbling	Cranberry Cape	Left Footed	Brown Feathers	Cold Wind
Pecan	Leaf Hiding	Pumpkin Helmet	Left Footed	Red Feathers	Silly Songs
Gibson	Super Wing Flap	Berry Launcher	Right Footed	Red Feathers	Silly Songs
Wattle	Fast Strutting	Corncob Bat	Left Footed	Red Feathers	Silly Songs
Pip	Acorn Toss	Cranberry Cape	Left Footed	Red Feathers	Cold Wind
Henrietta	Acorn Toss	Pumpkin Helmet	Left Footed	Red Feathers	Silly Songs
Clover	Loud Gobbling	Cranberry Cape	Right Footed	Gold Feathers	Silly Songs
Butterball	Leaf Hiding	Corncob Bat	Right Footed	Gold Feathers	Cold Wind
Penelope	Super Wing Flap	Feather Shield	Left Footed	Red Feathers	Silly Songs
Pumpkin	Leaf Hiding	Corncob Bat	Left Footed	Brown Feathers	Silly Songs
Pilgrim	Fast Strutting	Pumpkin Helmet	Left Footed	Brown Feathers	Silly Songs
Gobbles	Fast Strutting	Berry Launcher	Left Footed	Red Feathers	Silly Songs
Acorn	Fast Strutting	Berry Launcher	Left Footed	Brown Feathers	Cold Wind
Stuffing	Fast Strutting	Cranberry Cape	Left Footed	Brown Feathers	Silly Songs
Tom	Fast Strutting	Cranberry Cape	Right Footed	Brown Feathers	Stuffing Smell
Autumn	Leaf Hiding	Cranberry Cape	Left Footed	Brown Feathers	Silly Songs
Snood	Super Wing Flap	Cranberry Cape	Left Footed	Red Feathers	Stuffing Smell
Feather	Leaf Hiding	Berry Launcher	Left Footed	Red Feathers	Silly Songs
Maple	Super Wing Flap	Corncob Bat	Left Footed	Gold Feathers	Silly Songs
Cranberry	Leaf Hiding	Corncob Bat	Right Footed	Red Feathers	Silly Songs
Gravy	Fast Strutting	Cranberry Cape	Right Footed	Red Feathers	Silly Songs

CLUE 1 Addition

Let us count the extra pies in the kitchen. We add the pumpkin pies and apple pies together to find the total.

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

T 13	6	4	T 13	6	10	4	12	20	7	4	18	5	7	T 13	2	4	9	15	
9	11	16	3	11	8	10	5	6	4	17	3	4	13	T 13					

$10 + 3 = \square \rightarrow \text{T}$	$3 + 9 = \square \rightarrow \text{F}$	$6 + 2 = \square \rightarrow \text{K}$	$7 + 3 = \square \rightarrow \text{I}$
$10 + 6 = \square \rightarrow \text{U}$	$2 + 3 = \square \rightarrow \text{N}$	$7 + 10 = \square \rightarrow \text{L}$	
$2 + 7 = \square \rightarrow \text{A}$	$1 + 3 = \square \rightarrow \text{E}$	$2 + 4 = \square \rightarrow \text{H}$	$8 + 10 = \square \rightarrow \text{S}$
$5 + 2 = \square \rightarrow \text{O}$	$6 + 14 = \square \rightarrow \text{D}$	$1 + 1 = \square \rightarrow \text{W}$	$5 + 6 = \square \rightarrow \text{P}$
$1 + 2 = \square \rightarrow \text{M}$	$10 + 5 = \square \rightarrow \text{R}$		

Scratch space:

CLUE 2 Subtraction

A hungry squirrel ate some of our acorns. We had ten acorns but now we have less. Let us subtract to see how many are left.

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

T																			
17	12	5	1	4	5	3	7	8	15	2	9	14	1	17	5	13	13	5	14

		T		T					T				T	
19	2	17	12	17	12	5	6	5	10	17	10	18	18	17

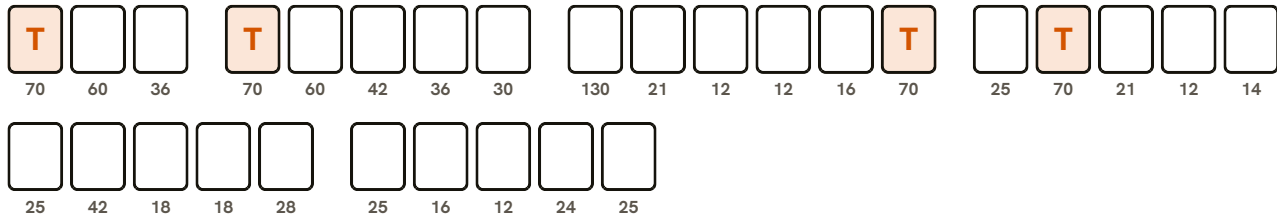
$19 - 2 = \square \rightarrow$ T	$13 - 6 = \square \rightarrow$ K	$19 - 1 = \square \rightarrow$ O	$5 - 4 = \square \rightarrow$ S
$16 - 2 = \square \rightarrow$ D	$6 - 3 = \square \rightarrow$ A	$20 - 5 = \square \rightarrow$ B	$20 - 1 = \square \rightarrow$ W
$15 - 7 = \square \rightarrow$ Y	$20 - 7 = \square \rightarrow$ P	$9 - 7 = \square \rightarrow$ I	$17 - 7 = \square \rightarrow$ F
$18 - 6 = \square \rightarrow$ H	$6 - 1 = \square \rightarrow$ E	$8 - 4 = \square \rightarrow$ N	$15 - 6 = \square \rightarrow$ R
$12 - 6 = \square \rightarrow$ L			

Scratch space:

CLUE 3 Skip counting

The heavy pumpkins are lined up in neat rows. We can count them fast by skipping by twos.

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



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

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

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

Skip-count by 10s. Fill the blank: 10, 20, __, 40, 50 → **F**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, __, 16, 18 → **D**

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

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, __, 18, 20 → **O**

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

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, __, 65, 70 → **H**

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

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

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



Scratch space:

CLUE 4
Place value

The turkeys are sorting their yellow feathers. We put them into bundles of ten and some single ones.

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

W																	
54	64	22	37	39	61	11	44	64	11	22	64	82	73	57	64	44	78
82	73	73	57	64	78	53	64	61	64								

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

What number has 6 tens and 4 ones? → **E**

What number has 5 tens and 7 ones? → **H**

What number has 7 tens and 3 ones? → **T**

What number has 3 tens and 9 ones? → **U**

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

What number has 3 tens and 7 ones? → **O**

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

What number has 1 ten and 1 one? → **D**

What number has 8 tens and 2 ones? → **A**

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

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

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

Scratch space:

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

Some corn cobs fell out of the harvest wagon. We need eight cobs to fill the box but only have five. How many more do 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:

$4 + \underline{\quad} = 5$

$10 + \underline{\quad} = 17$

$6 + \underline{\quad} = 9$

$7 + \underline{\quad} = 18$

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

$3 + \underline{\quad} = 15$

$8 + \underline{\quad} = 13$

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

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

$9 + \underline{\quad} = 19$

$4 + \underline{\quad} = 10$

Step 2 - cross out the sentence with each answer:

1. The villain hid under a pile of leaves, then fired the berry launcher.
2. The villain strutted past the barn, then swung a corncob bat.
3. The villain flapped its giant wings, then held up a feather shield.
4. The villain flapped its giant wings, then swung a corncob bat.
5. The villain tossed shiny acorns, then swung a corncob bat.
6. The villain flapped its giant wings, then waved a cranberry cape.
7. The villain strutted past the barn, then fired the berry launcher.
8. The villain gobbled very loudly, then put on a pumpkin helmet.
9. The villain hid under a pile of leaves, then put on a pumpkin helmet.
10. The villain gobbled very loudly, then held up a feather shield.
11. The villain flapped its giant wings, then fired the berry launcher.
12. The villain flapped its giant wings, then put on a pumpkin helmet.

Answer Key

The Great Thanksgiving Caper

Culprit: Wattle

Fast Strutting · Corncob Bat · Left Footed · Red Feathers · Silly Songs

Trail: Start 21 → Clue 1 18 → Clue 2 12 → Clue 3 8 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE THIEF DOES NOT WEAR A PUMPKIN HELMET"

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

Clue 2 (Subtraction): "THE SNEAKY BIRD STEPPED WITH THE LEFT FOOT"

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

Clue 3 (Skip counting): "THE THIEF CANNOT STAND SILLY SONGS"

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

Clue 4 (Place value): "WE FOUND RED FEATHERS AT THE SCENE"

What number has 5 tens and 4 ones? = 54 (W) · What number has 6 tens and 4 ones? = 64 (E) · What number has 5 tens and 7 ones? = 57 (H) · What number has 7 tens and 3 ones? = 73 (T) · What number has 3 tens and 9 ones? = 39 (U) · What number has 4 tens and 4 ones? = 44 (R) · What number has 3 tens and 7 ones? = 37 (O) · What number has 5 tens and 3 ones? = 53 (C) · What number has 1 ten and 1 one? = 11 (D) · What number has 8 tens and 2 ones? = 82 (A) · What number has 7 tens and 8 ones? = 78 (S) · What number has 2 tens and 2 ones? = 22 (F) · What number has 6 tens and 1 one? = 61 (N)

Clue 5 (Missing addends): surviving statement is box 2 → Wattle

$4 + \underline{\quad} = 5 = 1$ · $10 + \underline{\quad} = 17 = 7$ · $6 + \underline{\quad} = 9 = 3$ · $7 + \underline{\quad} = 18 = 11$ · $7 + \underline{\quad} = 15 = 8$ · $3 + \underline{\quad} = 15 = 12$ · $8 + \underline{\quad} = 13 = 5$ · $10 + \underline{\quad} = 14 = 4$ · $3 + \underline{\quad} = 12 = 9$ · $9 + \underline{\quad} = 19 = 10$ · $4 + \underline{\quad} = 10 = 6$