



The Case of the Missing Magic Wand

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

Detective: _____ Date: _____

Queen Blossom lost her magic wand at the big meadow party! A cheeky sprite took it and hid in the trees. Solve the math clues to find out who did it!

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 Mischievous Sprite is _____

Possible suspects

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

NAME	FAIRY MAGIC	WING ABILITY	POUCH SIDE	PETAL HAIR	WEAKNESS
Thistle	Flower Bloom	Star Hover	Left Pouch	Rose Pink	Loud Bell
Wren	Dew Splash	Leaf Zoom	Right Pouch	Fern Green	Loud Bell
Clover	Flower Bloom	Sun Flutter	Right Pouch	Rose Pink	Sticky Honey
Poppy	Breeze Whisk	Night Glide	Right Pouch	Fern Green	Loud Bell
Tulip	Dew Splash	Wind Dash	Left Pouch	Fern Green	Loud Bell
Willow	Glow Spark	Night Glide	Left Pouch	Rose Pink	Cold Wind
Rowan	Acorn Drop	Star Hover	Left Pouch	Fern Green	Cold Wind
Moss	Glow Spark	Night Glide	Right Pouch	Rose Pink	Loud Bell
Robin	Glow Spark	Wind Dash	Right Pouch	Fern Green	Loud Bell
Twig	Glow Spark	Star Hover	Left Pouch	Rose Pink	Sticky Honey
Maple	Acorn Drop	Night Glide	Left Pouch	Buttercup Yellow	Loud Bell
Petal	Dew Splash	Night Glide	Left Pouch	Buttercup Yellow	Sticky Honey
Berry	Breeze Whisk	Star Hover	Left Pouch	Rose Pink	Loud Bell
Juniper	Dew Splash	Leaf Zoom	Left Pouch	Rose Pink	Loud Bell
Bramble	Acorn Drop	Night Glide	Left Pouch	Buttercup Yellow	Cold Wind
Daisy	Glow Spark	Sun Flutter	Left Pouch	Rose Pink	Loud Bell
Fern	Flower Bloom	Sun Flutter	Right Pouch	Fern Green	Loud Bell
Sunny	Acorn Drop	Sun Flutter	Right Pouch	Buttercup Yellow	Loud Bell
Ivy	Dew Splash	Star Hover	Left Pouch	Fern Green	Loud Bell
Blossom	Flower Bloom	Wind Dash	Left Pouch	Rose Pink	Loud Bell
Cricket	Dew Splash	Wind Dash	Left Pouch	Buttercup Yellow	Loud Bell

CLUE 1

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

21 12 18 26 35 50 50 22 35 110 45 36 18 120 110 36 21

12 22 26 18 50 18 22 42 25 36 36 20

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, __, 39, 42 → **0**

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, __, 28, 30 → **V**

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

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

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

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, __, 40, 45 →

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

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

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

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

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

Scratch space:

CLUE 2 Addition

Clover gathers sweet berries and puts them in two baskets to count the total.

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

T					T													
3	14	10	5	17	3	7	10	9	9	9	13	5	13	20	19	18	12	14

		T					T						
19	7	3	14	10	16	10	4	3	9	17	2	10	

$2 + 1 = \square \rightarrow$ T	$5 + 9 = \square \rightarrow$ H	$4 + 1 = \square \rightarrow$ W	$11 + 6 = \square \rightarrow$ I
$1 + 1 = \square \rightarrow$ D	$5 + 5 = \square \rightarrow$ E	$5 + 14 = \square \rightarrow$ O	$3 + 6 = \square \rightarrow$ S
$13 + 5 = \square \rightarrow$ U	$7 + 9 = \square \rightarrow$ L	$12 + 8 = \square \rightarrow$ P	
$4 + 8 = \square \rightarrow$ C	$3 + 10 = \square \rightarrow$ A	$1 + 3 = \square \rightarrow$ F	$4 + 3 = \square \rightarrow$ N

Scratch space:

CLUE 3

Subtraction

Pippa had a jar of shiny dewdrops but spilled some while hopping over a log.

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

T								T										
14	1	3	4	2	16	11	14	3	12	15	3	6	18	1	3	17	5	

15	13	7	6	9	3	15	15	16	5	17	8	

$18 - 4 = \square \rightarrow \boxed{\text{T}}$

$10 - 3 = \square \rightarrow \boxed{\text{U}}$

$20 - 3 = \square \rightarrow \boxed{\text{N}}$

$12 - 8 = \square \rightarrow \boxed{\text{S}}$

$12 - 9 = \square \rightarrow \boxed{\text{E}}$

$8 - 2 = \square \rightarrow \boxed{\text{D}}$

$10 - 5 = \square \rightarrow \boxed{\text{A}}$

$3 - 1 = \square \rightarrow \boxed{\text{P}}$

$17 - 1 = \square \rightarrow \boxed{\text{R}}$

$16 - 4 = \square \rightarrow \boxed{\text{F}}$

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

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

$10 - 1 = \square \rightarrow \boxed{\text{B}}$

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

$19 - 4 = \square \rightarrow \boxed{\text{L}}$

$5 - 4 = \square \rightarrow \boxed{\text{H}}$

$14 - 3 = \square \rightarrow \boxed{\text{I}}$

Scratch space:

CLUE 4
Place value

Fern looks at the fairy scoreboard to check tens and ones for fairy dust points.

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

A												A			A	
77	11	76	16	71	96	53	41	13	96	71	81	77	60	97	77	16
				A												
60	71	69	81	77	81	81	75	71	16	55	71	41	71			

What number has 7 tens and 7 ones? → **A**

What number has 1 ten and 3 ones? → **K**

What number has 4 tens and 1 one? → **N**

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

What number has 1 ten and 6 ones? → **S**

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

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

What number has 7 tens and 6 ones? → **O**

What number has 7 tens and 1 one? → **E**

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

What number has 8 tens and 1 one? → **T**

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

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

What number has 6 tens and 0 ones? → **L**

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

Scratch space:

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

Rowan needs ten glitter stones for a potion but only has a few so far.

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:

$5 + \underline{\quad} = 15$

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

$8 + \underline{\quad} = 15$

$9 + \underline{\quad} = 14$

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

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

$8 + \underline{\quad} = 12$

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

$8 + \underline{\quad} = 10$

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

$10 + \underline{\quad} = 11$

Step 2 - cross out the sentence with each answer:

1. The villain dropped a heavy acorn, then hovered near a star.
2. The villain dropped a heavy acorn, then dashed with the wind.
3. The villain splashed a cool dewdrop, then dashed with the wind.
4. The villain bloomed a wild flower, then glided through the night.
5. The villain blew a soft breeze, then dashed with the wind.
6. The villain bloomed a wild flower, then dashed with the wind.
7. The villain sparked a bright light, then fluttered in the sun.
8. The villain blew a soft breeze, then zoomed on a green leaf.
9. The villain blew a soft breeze, then glided through the night.
10. The villain blew a soft breeze, then hovered near a star.
11. The villain bloomed a wild flower, then hovered near a star.
12. The villain bloomed a wild flower, then zoomed on a green leaf.

Answer Key

The Case of the Missing Magic Wand

Culprit: Blossom

Flower Bloom · Wind Dash · Left Pouch · Rose Pink · Loud Bell

Trail: Start 21 → Clue 1 19 → Clue 2 13 → Clue 3 8 → Clue 4 4 → Clue 5 1

Clue 1 (Skip counting): "THE VILLAIN DOES NOT HAVE LEAF ZOOM"

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

Clue 2 (Addition): "THE WITNESS SAW A POUCH ON THE LEFT SIDE"

$2 + 1 = 3$ (T) · $5 + 9 = 14$ (H) · $4 + 1 = 5$ (W) · $11 + 6 = 17$ (I) · $1 + 1 = 2$ (D) · $5 + 5 = 10$ (E) · $5 + 14 = 19$ (O) · $3 + 6 = 9$ (S) · $13 + 5 = 18$ (U) · $7 + 9 = 16$ (L) · $12 + 8 = 20$ (P) · $4 + 8 = 12$ (C) · $3 + 10 = 13$ (A) · $1 + 3 = 4$ (F) · $4 + 3 = 7$ (N)

Clue 3 (Subtraction): "THE SPRITE FLED WHEN A LOUD BELL RANG"

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

Clue 4 (Place value): "A ROSE PINK PETAL WAS LEFT AT THE SCENE"

What number has 7 tens and 7 ones? = 77 (A) · What number has 1 ten and 3 ones? = 13 (K) · What number has 4 tens and 1 one? = 41 (N) · What number has 9 tens and 6 ones? = 96 (P) · What number has 1 ten and 6 ones? = 16 (S) · What number has 9 tens and 7 ones? = 97 (W) · What number has 1 ten and 1 one? = 11 (R) · What number has 7 tens and 6 ones? = 76 (O) · What number has 7 tens and 1 one? = 71 (E) · What number has 7 tens and 5 ones? = 75 (H) · What number has 8 tens and 1 one? = 81 (T) · What number has 5 tens and 5 ones? = 55 (C) · What number has 6 tens and 9 ones? = 69 (F) · What number has 6 tens and 0 ones? = 60 (L) · What number has 5 tens and 3 ones? = 53 (I)

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

$5 + \underline{\quad} = 15 = 10$ · $8 + \underline{\quad} = 19 = 11$ · $8 + \underline{\quad} = 15 = 7$ · $9 + \underline{\quad} = 14 = 5$ · $10 + \underline{\quad} = 13 = 3$ · $1 + \underline{\quad} = 10 = 9$ · $8 + \underline{\quad} = 12 = 4$ · $7 + \underline{\quad} = 15 = 8$ · $8 + \underline{\quad} = 10 = 2$ · $6 + \underline{\quad} = 18 = 12$ · $10 + \underline{\quad} = 11 = 1$