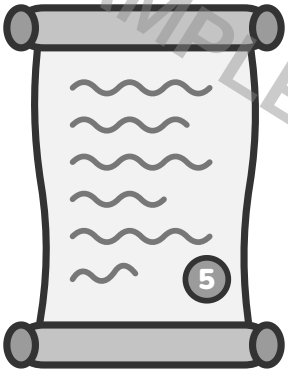
Inspector Badger's
Math Mystery

The Case of the Five-Wish Scroll

Math activity and puzzle book with a mystery for kids ages 7 to 11





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Inspector Badger's Math Mystery: The Case of the Five-Wish Scroll
Math activity and puzzle book with a mystery for kids ages 7 to 11

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Illustrations: JOLOVA

This book is a fun activity book. It practices math, logic and attention, but it is not a treatment and does not replace professional help.

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For parents and teachers

Guide for grown-ups

What this book practices

It is a mystery solved with math: addition, subtraction, multiplication, division, money, telling time and measuring. Each problem unlocks a clue in the story. It also practices logic, attention and memory. It is a fun activity book, not a treatment.

Who it is for

For kids ages 7 to 11. It is designed for autistic kids, kids with ADHD and any child who loves detectives: one activity per page, the same steps every time, clean pages and quick rewards.

Two levels on every page

Every activity has a base level (ages 7–9) and an optional "Chief Inspector Challenge" (ages 9–11). When the answer moves the story forward, both levels give the same number, so the story is the same for everyone.

How it is organized

Five chapters, one for each place in the forest. Each chapter has a story page, 11 missions, a break to relax and a coloring page. At the end, your child writes their own 5 wishes.

No rush

No activity is timed. One to three pages a day is plenty.

If your child gets stuck

At the bottom of every page there is a clue from the Inspector. The answers start on page 87. A mistake is not a failure: it is a false clue. Check it and keep going.

Moving is OK

Many kids think better when they move. Your child can do the missions standing up, rocking, or squeezing something with the other hand.

The ruler

The measuring missions use a ruler. The paw prints are drawn at actual size, so any inch ruler works, or the cut-out ruler on the last page.

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Meet Inspector Badger

Before you start, the Inspector explains how she works.



"Hello. I'm Inspector Badger. I solve mysteries with numbers. Today I need an **apprentice agent**, and I've chosen you."

How a good agent works

1 **Read the mission**
What do I need to find out?

2 **Look at the example**
If there is one, it shows you how to do it.

3 **Step by step**
Write each step in the boxes. That way you won't forget anything.

4 **Check and color the badge**
Does the answer make sense? Then color "Mission complete."

5 **Want more?**
Try the Chief Inspector Challenge. It's optional.

Ready? Meet the suspects and start the investigation.

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The 5 suspects

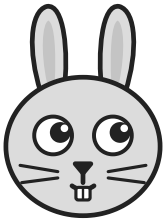
The Inspector wrote down these facts on the day of the theft. You will need them in your missions.



The raccoon

She lives next to the old mansion. She likes to collect shiny things.

Height	Paw print	Arrived at
24 in	4 in	3:45
Money	**Favorite food**	
$5	Apples	



The hare

She is always in a hurry. She goes shopping every afternoon.

Height	Paw print	Arrived at
20 in	5 in	3:15
Money	**Favorite food**	
$12	Carrots	



The crow

He travels by train a lot. He always carries his suitcase.

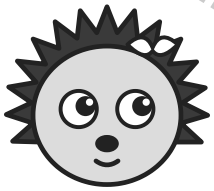
Height	Paw print	Arrived at
18 in	3 in	“I came by train”
Money	**Favorite food**	
$8	Walnuts	

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The suspects

The hedgehog



She is a scientist. She writes everything down in her log.

Height	Paw print	Arrived at
8 in	2 in	3:55
Money	**Favorite food**	
$10	Strawberries	

The hamster



He is the smallest animal in the forest. He sleeps during the day and is awake at night.

Height	Paw print	Arrived at
3 in	?? (he was asleep)	3:50
Money	**Favorite food**	
$1	Sunflower seeds	

The Inspector says



“A good agent doesn't trust what things look like. A good agent trusts the evidence. At the end of each chapter, write what you find in your Detective Notebook.”

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Your detective badge

Color one box each time you finish a mission. When you finish a chapter, color its star.

1 The library

2 The store

3 The train station

4 The lab

5 The old mansion

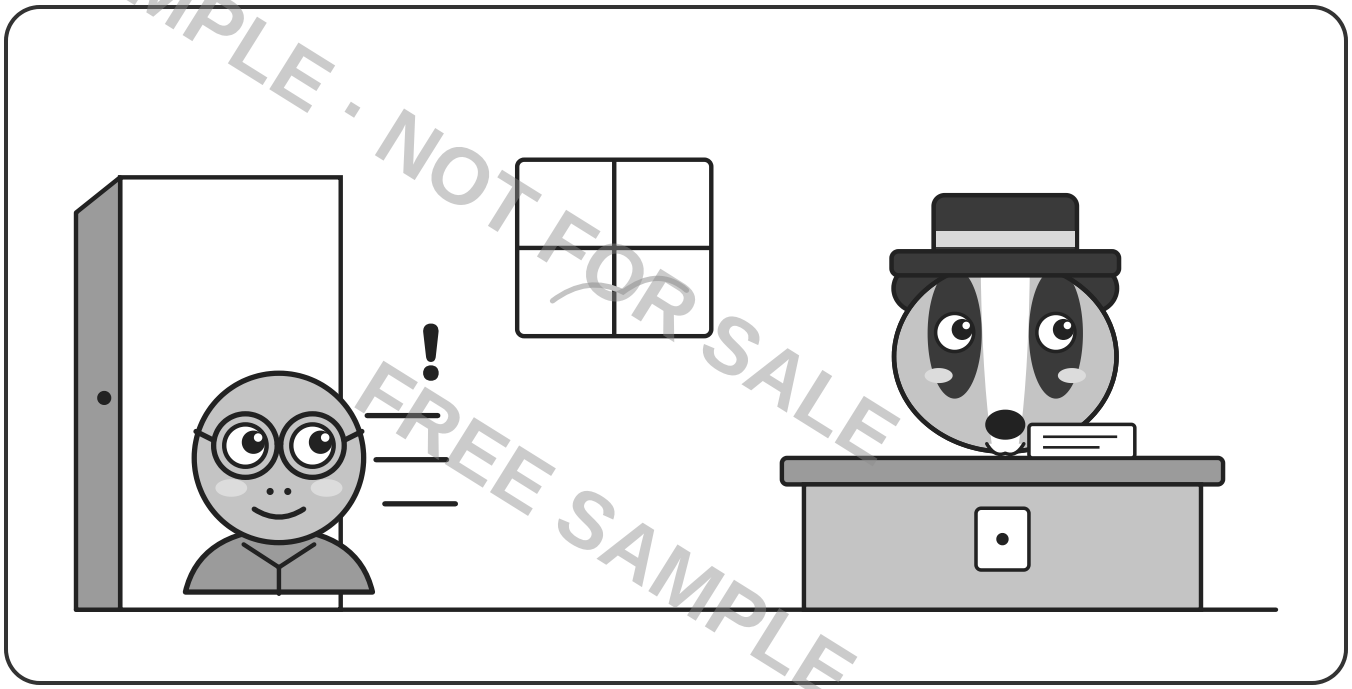


Apprentice agent: _____

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The theft



It's Monday afternoon in Oak Forest. The librarian, Mrs. Tortoise, comes running into Inspector Badger's office.

“Someone has stolen the Five-Wish Scroll! At 4:00 p.m. it was on its shelf. At 4:30 it was gone.”

The Inspector puts on her detective hat.

“I need an apprentice agent. Someone who can count, add and notice the details. Will you help me?”

Her notebook has five names: the raccoon, the hare, the crow, the hedgehog and the hamster.

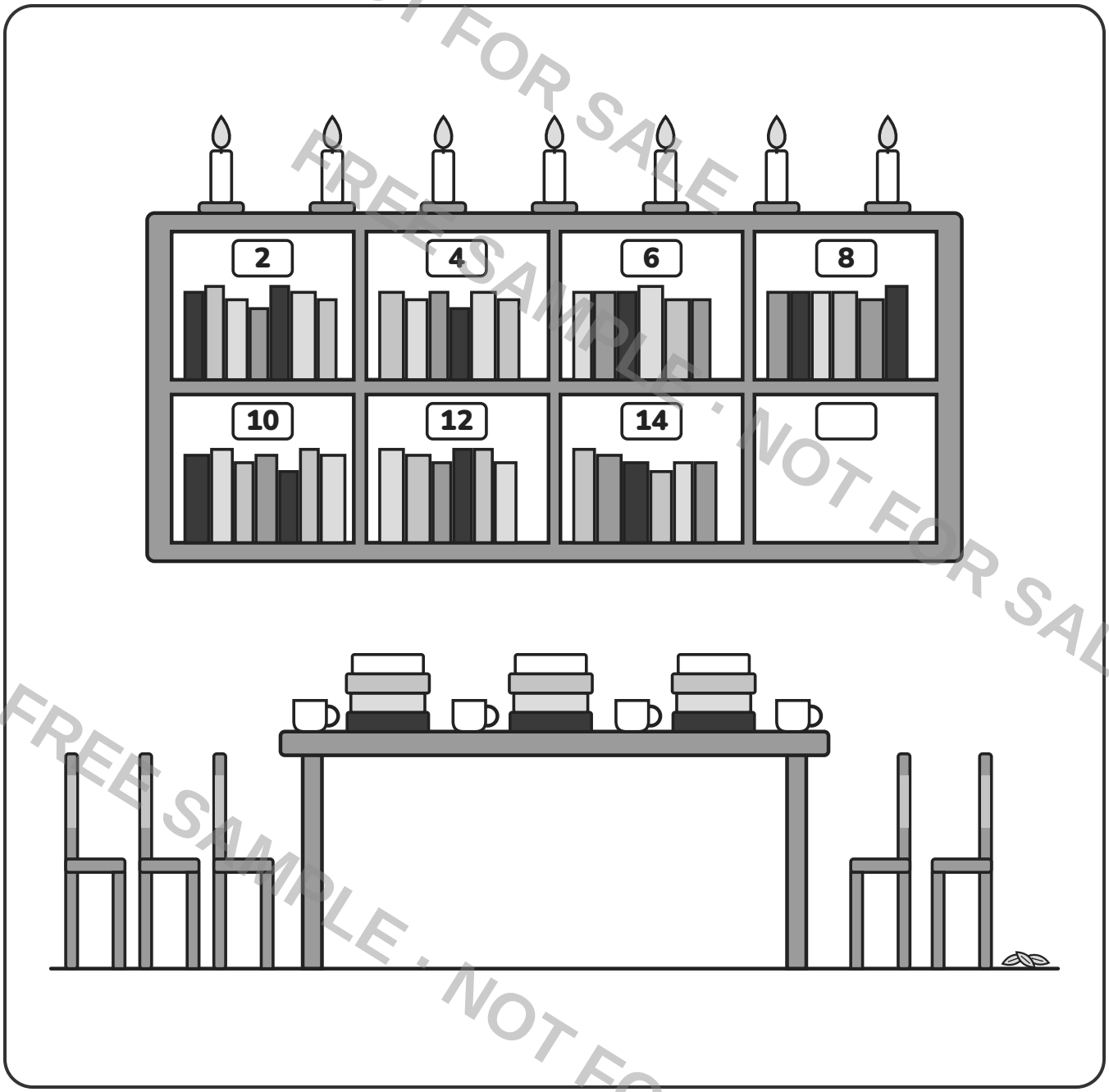
“One of them took the scroll. Let's go to the library. Look at everything carefully: **every number can be a clue.**”

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Mission 1: The crime scene

Look at the library carefully. **There's no rush.** On the next page I'll ask you some questions.



Have you looked at everything?
The questions are on the next page.

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Mission 1: What did you see?

"A good agent notices the numbers," says the Inspector. Answer with what you remember about the library.

1. How many **candles** were there? ☐

2. On the table, were there more **books** or more **cups**? Check one.

   ☐ More books ☐ More cups

3. How many **chairs** were there? ☐

☆ **Chief Inspector Challenge** (optional)

How many more books than cups were on the table? ☐

How many candles and chairs are there in all? ☐

Clue from Inspector Badger

If you don't remember, go back to page 9. Real agents check too.

Did you check it? Color the badge!

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Mission 2: The secret code

How do you solve it?

1. Solve the addition.
2. Find the answer in the table.
3. Write its letter. The letters make a word.

Example

2 + 3 = 5 → E

A 1	**B** 2	**C** 3	**D** 4	**E** 5	**F** 6	**G** 7	**H** 8	**I** 9	**J** 10	**K** 11	**L** 12	**M** 13
N 14	**O** 15	**P** 16	**Q** 17	**R** 18	**S** 19	**T** 20	**U** 21	**V** 22	**W** 23	**X** 24	**Y** 25	**Z** 26

11 + 8 = ☐ → ☐ Challenge: **56 − 37**

5 + 3 = ☐ → ☐ Challenge: **20 − 12**

2 + 3 = ☐ → ☐ Challenge: **43 − 38**

7 + 5 = ☐ → ☐ Challenge: **30 − 18**

4 + 2 = ☐ → ☐ Challenge: **15 − 9**

Secret word: ☐ ☐ ☐ ☐ ☐

Clue from Inspector Badger

The first letter is S. The challenges give the same numbers as the additions.

Did you check it? Color the badge!

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Mission 3: The mystery pattern

The shelves follow a rule. “If you find the rule,” says the Inspector, “you'll know which shelf the scroll was on.”

How do you solve it?

1. Look at how much each number goes up.
2. Follow the rule to the empty shelf.

Example: each time, +1

5 6 7 8 **9**

2	**4**	**6**	**8**
10	**12**	**14**	

The rule is: each time, + ☐

Chief Inspector Challenge (optional)

☆ This pattern leads to the same shelf. Which number is missing?

1 4 7 10 13 ☐

Clue from Inspector Badger

Subtract two shelves in a row: 4 − 2. That's how much it goes up each time.

Did you check it? Color the badge!

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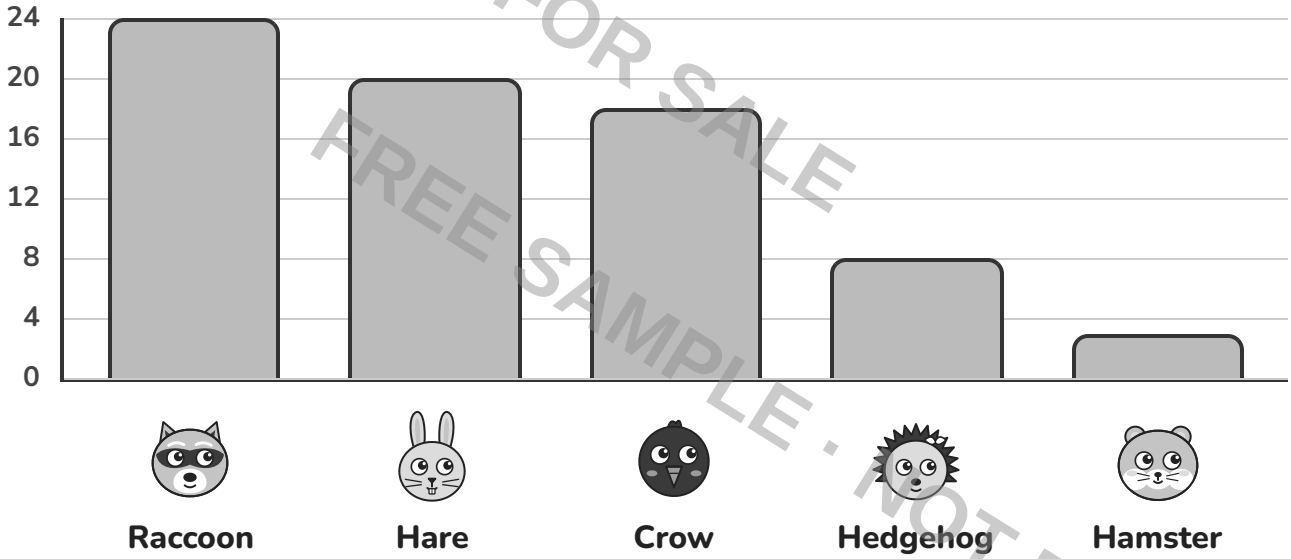
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Mission 4: The witness report

Mrs. Tortoise writes down the height of everyone who comes into the library. Look at her graph and answer.

Height of the suspects, in inches



1. Who is the **tallest**?

2. Who is the **shortest**?

☆ **Chief Inspector Challenge** (optional)

How many inches taller is the raccoon than the hedgehog?

And the hare than the crow?

Clue from Inspector Badger

Find the longest bar and the shortest bar. Follow it with your finger to the number.

Did you check it? Color the badge!

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Mission 5: The safe

The librarian's drawer has a 3-number lock. Solve the additions to open it.

How do you solve it?

1. Add the **ones (O)** first.
2. If they go over 9, the ten goes up top, in the small box.
3. Add the **tens (T)**, plus the one you carried.

Example

```
   1
   1  4
+     8
------
   2  2
```

Number 1

	T	O
	☐	
	2	7
+	1	5
	☐	☐

Challenge: **12 + 18 + 12**

Number 2

	T	O
	☐	
	3	8
+	2	6
	☐	☐

Challenge: **25 + 25 + 14**

Number 3

	T	O
	☐	
	1	9
+	1	9
	☐	☐

Challenge: **9 + 17 + 12**

Combination: ☐ – ☐ – ☐

The drawer opens. Inside is the visitor list: the 5 names in the notebook.

Clue from Inspector Badger

If the ones add up to more than 9, you carry one. Write it in the small box so you don't forget.

Did you check it? Color the badge!

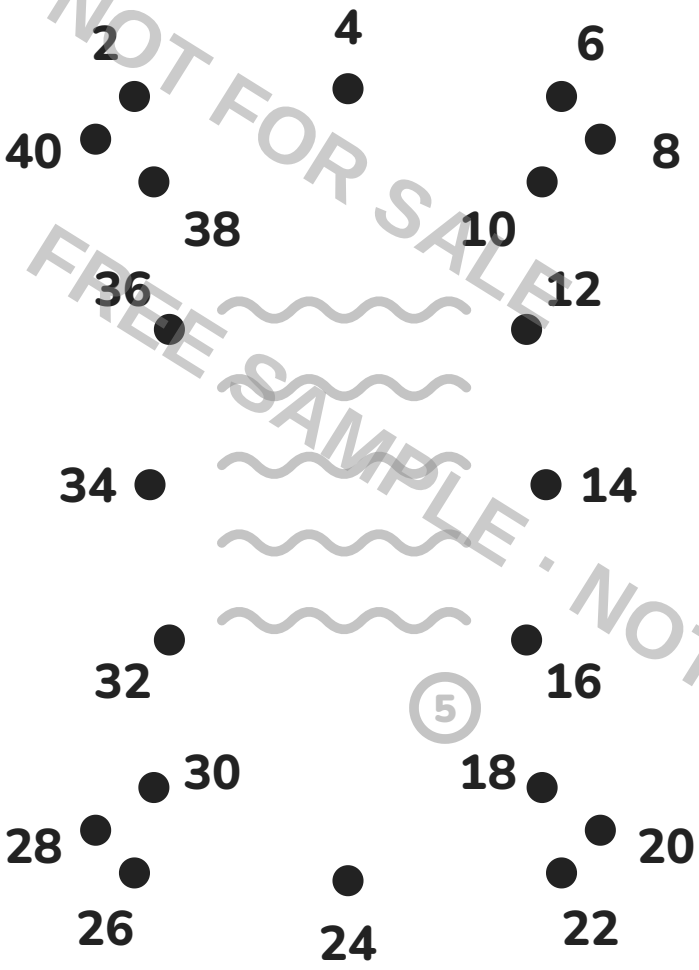
MISSION COMPLETE

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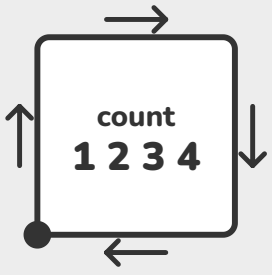
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Detective break

Time to relax. Connect the dots counting by 2s, from 2 to 40. At the end, connect 40 to 2. What appears?



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Detective breathing

Put your finger on the black dot.
Go up the side counting 1, 2, 3, 4 as you breathe in.
Go across the top counting 1, 2, 3, 4 holding your breath.
Go down counting 1, 2, 3, 4 as you breathe out.
Go back to the dot counting 1, 2, 3, 4.

You can go around once, or as many times as you like.

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This is the end of the free sample of
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Thank you so much for trying it!

I'd love to hear your honest opinion:
what worked for you and what didn't.

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