

# Maya's Magic Kitchen: Subtraction Adventure

Grade 1

math

cooking

Students will subtract within 20 using cooking story problems, showing their working for each answer.

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. Maya has 9 spice jars. She uses 4 jars. How many jars are left? Show your work:  $9 - 4 = \underline{\quad}$

2. Maya stirs a pot. She drops 3 of her 8 rare find star spices in. How many star spices are left? Show your work:  $8 - 3 = \underline{\quad}$

3. Maya finds 12 hidden treasure seeds. She plants 5 seeds. How many seeds does Maya have left? Show your work:  $12 - 5 = \underline{\quad}$

4. Maya has 15 unique item moon drops. She adds 6 to her soup. Fill in the blank:  $15 - 6 = \underline{\quad}$  moon drops left.

5. True or False: Maya had 14 special object gold herbs. She used 7. Maya has 8 gold herbs left. Circle True or False.

6. Maya found 18 rare find pepper pods. She used 9 pods in soup. Then she used 3 more pods in sauce. How many pods does Maya have left? Show every step.

7. Maya had 20 hidden treasure sugar crystals. She used some in her cake. Now Maya has 7 crystals left. How many crystals did Maya use? Show your work:  $20 - \underline{\quad} = 7$

8. Maya's special object recipe book had 16 secret recipes. She cooked 8 recipes this week. Then she cooked 4 more recipes on Sunday. How many secret recipes has Maya NOT cooked yet? Show every step. What did Maya's kitchen smell like when she finished all her cooking? Write one word to describe it.

# Answer Key: Maya's Magic Kitchen: Subtraction Adventure

GRADE 1 | TEACHER & PARENT USE ONLY

Before Q1, hold up 9 fingers and fold down 4 — mirror the spice jar scene. Ask students to predict Maya's answer before they write. This anchors Q1–Q3 physically and supports Q6's two-step thinking.

1. Maya has 9 spice jars. She uses 4 jars. How many jars are left? Show your work:  $9 - 4 = \underline{\quad}$

**Answer: Q1:  $9 - 4 = 5$  spice jars left**

2. Maya stirs a pot. She drops 3 of her 8 rare find star spices in. How many star spices are left? Show your work:  $8 - 3 = \underline{\quad}$

**Answer: Q2:  $8 - 3 = 5$  star spices left**

3. Maya finds 12 hidden treasure seeds. She plants 5 seeds. How many seeds does Maya have left? Show your work:  $12 - 5 = \underline{\quad}$

**Answer: Q3:  $12 - 5 = 7$  hidden treasure seeds left**

4. Maya has 15 unique item moon drops. She adds 6 to her soup. Fill in the blank:  $15 - 6 = \underline{\quad}$  moon drops left.

**Answer: Q4:  $15 - 6 = 9$  unique item moon drops left**

5. True or False: Maya had 14 special object gold herbs. She used 7. Maya has 8 gold herbs left. Circle True or False.

**Answer: Q5:  $14 - 7 = 7$  gold herbs left. The statement says 8 — that is FALSE.  $14 - 7 = 7$ , not 8.**

6. Maya found 18 rare find pepper pods. She used 9 pods in soup. Then she used 3 more pods in sauce. How many pods does Maya have left? Show every step.

**Answer: Q6: Step 1:  $18 - 9 = 9$  pods left. Step 2:  $9 - 3 = 6$  pods left. Maya has 6 rare find pepper pods left.**

7. Maya had 20 hidden treasure sugar crystals. She used some in her cake. Now Maya has 7 crystals left. How many crystals did Maya use? Show your work:  $20 - \underline{\quad} = 7$

**Answer: Q7:  $20 - \underline{\quad} = 7$ . Think:  $7 + \underline{\quad} = 20$ .  $7 + 13 = 20$ . So  $20 - 13 = 7$ . Maya used 13 hidden treasure sugar crystals.**

8. Maya's special object recipe book had 16 secret recipes. She cooked 8 recipes this week. Then she cooked 4 more recipes on Sunday. How many secret recipes has Maya NOT cooked yet? Show every step. What did Maya's kitchen smell like when she finished all her cooking? Write one word to describe it.

**Answer: Q8: Step 1:  $8 + 4 = 12$  recipes cooked in total. Step 2:  $16 - 12 = 4$  secret recipes not yet cooked. Maya still has 4 recipes left in her special object recipe book. (Sample word answers: delicious, spicy, sweet, warm — any reasonable sensory word is correct.) Maya's cooking adventure is complete!**