

# Maya's Earth Day Addition Adventure

Grade 1

math

earth-day

Students will be able to add numbers within 20 using counting strategies and known facts.

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

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

1. Maya finds 2 rare finds. She finds 3 more. How many rare finds does Maya have? Show your work:  $2 + 3 =$

\_\_\_\_

2. Maya loads 4 unique items into her bag. She loads 4 more. How many unique items are in her bag? Show your work:  $4 + 4 =$  \_\_\_\_

3. Maya counts 5 special objects by the pond. She counts 6 more in the mud. How many special objects did Maya count? Show your work:  $5 + 6 =$  \_\_\_\_

4. Maya stacks 7 rare finds on a log. Her friend adds 5 more. How many rare finds are on the log now? Show your work:  $7 + 5 =$  \_\_\_\_

5. True or False: Maya finds 8 unique items and 6 special objects. That is 15 items in all. Circle your answer. Show your work:  $8 + 6 =$  \_\_\_\_

6. Maya spots the hidden treasure! She charges up 9 rare finds. Then she charges up 8 more. How many rare finds did Maya charge up? Show your work:  $9 + 8 =$  \_\_\_\_

7. Fill in the blank. Maya loads special objects into the hidden treasure chest. She loads 6, then 7, then \_\_\_\_ more to reach 20. What number fills the blank? Show your work:  $6 + 7 = 13$ .  $13 +$  \_\_\_\_  $= 20$ .

8. Maya opens the hidden treasure! Inside she finds 8 unique items and 9 rare finds. She also finds 3 special objects. How many items did Maya find in the hidden treasure in all? Show all your work:  $8 + 9 =$  \_\_\_\_ . Then add 3 more.

## Answer Key: Maya's Earth Day Addition Adventure

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After Q8, ask students to count Maya's total treasure items across the whole worksheet — this extends the narrative and gives fast finishers a real addition challenge using numbers from problems they already solved.

1. Maya finds 2 rare finds. She finds 3 more. How many rare finds does Maya have? Show your work:  $2 + 3 = \underline{\quad}$

**Answer: Q1: 2 rare finds + 3 rare finds = 5 rare finds. Maya has 5 rare finds.**

2. Maya loads 4 unique items into her bag. She loads 4 more. How many unique items are in her bag? Show your work:  $4 + 4 = \underline{\quad}$

**Answer: Q2: 4 unique items + 4 unique items = 8 unique items. Maya has 8 unique items.**

3. Maya counts 5 special objects by the pond. She counts 6 more in the mud. How many special objects did Maya count? Show your work:  $5 + 6 = \underline{\quad}$

**Answer: Q3: 5 special objects + 6 special objects = 11 special objects. Maya counted 11 special objects.**

4. Maya stacks 7 rare finds on a log. Her friend adds 5 more. How many rare finds are on the log now? Show your work:  $7 + 5 = \underline{\quad}$

**Answer: Q4: 7 rare finds + 5 rare finds = 12 rare finds. There are 12 rare finds on the log.**

5. True or False: Maya finds 8 unique items and 6 special objects. That is 15 items in all. Circle your answer. Show your work:  $8 + 6 = \underline{\quad}$

**Answer: Q5: 8 unique items + 6 special objects = 14 items. 14 does not equal 15. The answer is FALSE.  $8 + 6 = 14$ .**

6. Maya spots the hidden treasure! She charges up 9 rare finds. Then she charges up 8 more. How many rare finds did Maya charge up? Show your work:  $9 + 8 = \underline{\quad}$

**Answer: Q6: 9 rare finds + 8 rare finds = 17 rare finds. Maya charged up 17 rare finds.**

7. Fill in the blank. Maya loads special objects into the hidden treasure chest. She loads 6, then 7, then  $\underline{\quad}$  more to reach 20. What number fills the blank? Show your work:  $6 + 7 = 13$ .  $13 + \underline{\quad} = 20$ .

**Answer: Q7: Step 1 —  $6 + 7 = 13$ . Step 2 —  $13 + \underline{\quad} = 20$ . Count up from 13 to 20 = 7 more. The missing number is 7. Maya loads 7 more special objects.**

8. Maya opens the hidden treasure! Inside she finds 8 unique items and 9 rare finds. She also finds 3 special objects. How many items did Maya find in the hidden treasure in all? Show all your work:  $8 + 9 = \underline{\quad}$ . Then add 3 more.

**Answer: Q8: Step 1 — 8 unique items + 9 rare finds = 17 items. Step 2 — 17 items + 3 special objects = 20 items. Maya found 20 items in the hidden treasure! Maya saved Earth Day with 20 treasures!**

