# Maya and the Myth Vault: Addition Quest

Grade 1 math mythology

Students will add numbers within 20 using strategies such as counting on, making ten, and decomposing numbers.

Name: _____ Date: _____

**1.** Maya enters the Myth Vault. She finds 3 glowing rune stones on one shelf. She finds 4 more rune stones below. How many rune stones does Maya find? 3 + 4 = ___

**2.** Maya spots a special object — a winged scroll. It holds 5 secret symbols. She draws 2 more symbols she finds on the wall. How many symbols does Maya have now? 5 + 2 = ___

**3.** Maya opens a chest. Inside she counts 6 rare finds — tiny gold thunder bolts. Then she finds 5 more thunder bolts behind the chest. How many thunder bolts does Maya count in all? Show your work. 6 + 5 = ___

**4.** Maya finds a unique item — a crystal owl. The owl has 7 blue feathers on the left wing. It has 6 gold feathers on the right wing. How many feathers does the owl have? Show your work. 7 + 6 = ___

**5.** True or false? Maya finds 8 rare find coins in a pool. She finds 4 more coins by the door. Maya has 13 coins in all. Circle: TRUE or FALSE. Show your work below.

**6.** Maya carries 9 golden shields past the gate. She picks up 8 more shields from the hidden treasure room. How many shields does Maya carry now? Use make-a-ten to show your work. 9 + 8 = ___

**7.** Maya finds a hidden treasure — a glowing map. The map shows 6 star gems in the north hall. It shows 7 star gems in the south hall. Maya already has 3 star gems in her bag. How many star gems does Maya have in all? Show every step.

**8.** Maya reaches the final chamber of the Myth Vault! She has collected rare finds all day: 5 rune stones in her left pocket, 6 thunder bolts in her bag, and 4 crystal feathers in her helmet. Maya tips them all into the vault lock. Does she have enough to open it? The lock needs exactly 15 rare finds. Add all three groups. Show every step. Does Maya open the Myth Vault? Write YES or NO and explain with your numbers.

# Answer Key: Maya and the Myth Vault: Addition Quest

GRADE 1 | TEACHER & PARENT USE ONLY

After Q6, ask students: 'Maya has 9 golden shields and finds 8 more — can anyone use make-a-ten to check that answer?' This connects Q6's specific numbers to the make-a-ten strategy from CCSS.MATH.1.OA.C.6 and gives early finishers a verbal challenge.

**1.** Maya enters the Myth Vault. She finds 3 glowing rune stones on one shelf. She finds 4 more rune stones below. How many rune stones does Maya find? 3 + 4 = ___

**Answer: Q1: 3 rune stones + 4 rune stones = 7 rune stones. Maya finds 7 rune stones.**

**2.** Maya spots a special object — a winged scroll. It holds 5 secret symbols. She draws 2 more symbols she finds on the wall. How many symbols does Maya have now? 5 + 2 = ___

**Answer: Q2: 5 symbols + 2 symbols = 7 symbols. Maya has 7 symbols in all.**

**3.** Maya opens a chest. Inside she counts 6 rare finds — tiny gold thunder bolts. Then she finds 5 more thunder bolts behind the chest. How many thunder bolts does Maya count in all? Show your work. 6 + 5 = ___

**Answer: Q3: 6 thunder bolts + 5 thunder bolts. Count on from 6: 7, 8, 9, 10, 11. 6 + 5 = 11. Maya counts 11 thunder bolts.**

**4.** Maya finds a unique item — a crystal owl. The owl has 7 blue feathers on the left wing. It has 6 gold feathers on the right wing. How many feathers does the owl have? Show your work. 7 + 6 = ___

**Answer: Q4: 7 feathers + 6 feathers. Make a ten: 7 + 3 = 10, then 10 + 3 = 13. 7 + 6 = 13. The crystal owl has 13 feathers.**

**5.** True or false? Maya finds 8 rare find coins in a pool. She finds 4 more coins by the door. Maya has 13 coins in all. Circle: TRUE or FALSE. Show your work below.

**Answer: Q5: 8 coins + 4 coins. Count on from 8: 9, 10, 11, 12. 8 + 4 = 12, NOT 13. The answer is FALSE. Maya has 12 coins, not 13.**

**6.** Maya carries 9 golden shields past the gate. She picks up 8 more shields from the hidden treasure room. How many shields does Maya carry now? Use make-a-ten to show your work. 9 + 8 = ___

**Answer: Q6: 9 shields + 8 shields. Make a ten: 9 + 1 = 10, so split the 8 into 1 and 7. 10 + 7 = 17. 9 + 8 = 17. Maya carries 17 golden shields.**

**7.** Maya finds a hidden treasure — a glowing map. The map shows 6 star gems in the north hall. It shows 7 star gems in the south hall. Maya already has 3 star gems in her bag. How many star gems does Maya have in all? Show every step.

**Answer: Q7 Step 1: 6 star gems + 7 star gems. Make a ten: 6 + 4 = 10, then 10 + 3 = 13. 6 + 7 = 13. Step 2: 13 star gems + 3 star gems Maya already has = 16. 13 + 3 = 16. Maya has 16 star gems in all.**

**8.** Maya reaches the final chamber of the Myth Vault! She has collected rare finds all day: 5 rune stones in her left pocket, 6 thunder bolts in her bag, and 4 crystal feathers in her helmet. Maya tips them all into the vault lock. Does she have enough to open it? The lock needs exactly 15 rare finds. Add all three groups. Show every step. Does Maya open the Myth Vault? Write YES or NO and explain with your numbers.

**Answer: Q8 Step 1: 5 rune stones + 6 thunder bolts. Make a ten: 5 + 5 = 10, then 10 + 1 = 11. 5 + 6 = 11. Step 2: 11 + 4 crystal feathers. 11 + 4 = 15. Count on from 11: 12, 13, 14, 15. Total = 15 rare finds.**

**The lock needs exactly 15. 15 = 15. YES — Maya opens the Myth Vault! The golden doors swing open and the vault blazes with light. Maya did it!**