

# Maya's Arctic Addition Quest — Grade 1

Grade 1

math

arctic-animals

Students will be able to add numbers within 20 using counting on and making ten strategies.

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

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

1. Maya sees 3 baby seals. She sees 2 more seals. How many seals does Maya see?  $3 + 2 = \underline{\quad}$

2. Maya finds a rare find: 4 blue icy eggs in a nest. She finds 3 more eggs. How many eggs in all?  $4 + 3 = \underline{\quad}$

3. Maya spots a unique item: a glowing frost shell. She has 5 shells. She picks up 4 more. How many shells does Maya have now?  $5 + 4 = \underline{\quad}$

4. Maya counts 6 walrus tusks on the ice. Then she counts 5 more tusks near the den. How many tusks did Maya count in all?  $6 + 5 = \underline{\quad}$

5. True or false? Maya sees 7 snowy owls in one tree and 6 owls in another tree. Maya sees 14 owls in all.  $7 + 6 = 14$ . Is this TRUE or FALSE? Circle your answer.

6. Maya finds a special object: a silver arctic fox paw print frozen in the ice. She finds 8 prints by the river and 7 prints near the cave. How many prints does Maya find in all? Show your working.

7. Maya opens a hidden treasure: a frozen chest with polar bear claws inside. There are 9 claws on the left side and 9 claws on the right side. How many claws are in Maya's hidden treasure? Show your working.

8. Maya reaches the heart of the arctic den! She counts all her finds: 7 rare-find icy eggs in her left pocket, 6 unique frost shells in her right pocket, and 5 special fox prints in her bag. How many arctic treasures does Maya bring home? Show every step of your adding.

# Answer Key: Maya's Arctic Addition Quest — Grade 1

GRADE 1 | TEACHER & PARENT USE ONLY

After Q5, pause and ask students to act out Maya counting walrus tusks on their fingers — this kinesthetic moment helps struggling learners cross the ten-boundary before tackling Q6 and Q7.

1. Maya sees 3 baby seals. She sees 2 more seals. How many seals does Maya see?  $3 + 2 = \underline{\quad}$

**Answer: Q1: 3 seals + 2 seals = 5 seals. Maya sees 5 seals.**

2. Maya finds a rare find: 4 blue icy eggs in a nest. She finds 3 more eggs. How many eggs in all?  $4 + 3 = \underline{\quad}$

**Answer: Q2: 4 eggs + 3 eggs = 7 eggs. Maya finds 7 eggs in all.**

3. Maya spots a unique item: a glowing frost shell. She has 5 shells. She picks up 4 more. How many shells does Maya have now?  $5 + 4 = \underline{\quad}$

**Answer: Q3: 5 shells + 4 shells = 9 shells. Maya has 9 shells now.**

4. Maya counts 6 walrus tusks on the ice. Then she counts 5 more tusks near the den. How many tusks did Maya count in all?  $6 + 5 = \underline{\quad}$

**Answer: Q4: 6 tusks + 5 tusks = 11 tusks. Start at 6, count on 5 more: 7, 8, 9, 10, 11. Maya counted 11 tusks in all.**

5. True or false? Maya sees 7 snowy owls in one tree and 6 owls in another tree. Maya sees 14 owls in all.  $7 + 6 = 14$ . Is this TRUE or FALSE? Circle your answer.

**Answer: Q5: 7 owls + 6 owls = 13 owls. Start at 7, count on 6 more: 8, 9, 10, 11, 12, 13. 13 does NOT equal 14. The answer is FALSE. Maya sees 13 owls.**

6. Maya finds a special object: a silver arctic fox paw print frozen in the ice. She finds 8 prints by the river and 7 prints near the cave. How many prints does Maya find in all? Show your working.

**Answer: Q6: 8 prints + 7 prints. Make a ten:  $8 + 2 = 10$ , then  $10 + 5 = 15$ . Maya finds 15 prints in all.**

7. Maya opens a hidden treasure: a frozen chest with polar bear claws inside. There are 9 claws on the left side and 9 claws on the right side. How many claws are in Maya's hidden treasure? Show your working.

**Answer: Q7: 9 claws + 9 claws. Double 9:  $9 + 9 = 18$ . Or make a ten:  $9 + 1 = 10$ , then  $10 + 8 = 18$ . Maya's hidden treasure holds 18 claws.**

8. Maya reaches the heart of the arctic den! She counts all her finds: 7 rare-find icy eggs in her left pocket, 6 unique frost shells in her right pocket, and 5 special fox prints in her bag. How many arctic treasures does Maya bring home? Show every step of your adding.

**Answer: Q8 Step 1: 7 eggs + 6 shells = 13. Make a ten:  $7 + 3 = 10$ , then  $10 + 3 = 13$ . Step 2:  $13 + 5$  fox prints = 18. Count on: 14, 15, 16, 17, 18. Maya brings home 18 arctic treasures. She completes her quest!**