

Maya's Garden Hunt: Addition Adventure

Grade 1

math

gardening

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

Name: _____

Date: _____

1. Maya digs in the soft soil. She finds 2 rare finds — tiny glowing seeds. She finds 3 more. How many glowing seeds does Maya have now? $2 + 3 = \underline{\quad}$

2. Maya spots 4 special objects — striped garden stones — near the rose bush. She finds 1 more stone under a leaf. Fill in the blank: $4 + 1 = \underline{\quad}$

3. Maya lifts a big leaf. She sees 5 unique items — spotted beetles with gold wings. She lifts another leaf and sees 4 more. How many spotted beetles did Maya find? Show your working.

4. Maya collects rare finds — curly purple ferns. She puts 6 ferns in her basket. Her friend gives her 5 more ferns. Is $6 + 5 = 12$? True or False?

5. Maya follows a mud path to a hidden treasure — a clay pot full of seed pods! The pot holds 7 seed pods. Maya drops in 6 more seed pods. How many seed pods are in the pot now? Show your working.

6. Maya opens the hidden treasure — a clay pot. It already has 8 seed pods inside. Maya adds 7 more seed pods from her basket. How many seed pods are in the hidden treasure now? Show every step.

7. Maya finds two unique items — a cracked garden lantern with 9 fireflies inside and a mossy jar with 8 fireflies inside. She gently tips both into one big jar. How many fireflies does Maya have? Show your working.

8. Maya has reached the heart of the garden! She counts all her rare finds and special objects from today. She has 9 glowing seeds in one pocket and 9 striped stones in the other pocket. How many treasures does Maya have in all? Show your working. What will Maya plant first tomorrow with her glowing seeds?

Answer Key: Maya's Garden Hunt: Addition Adventure

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After Q6, ask students to share how they counted up to 15 seed pods — some will use fingers, some will draw, and some will use number lines. Celebrate all three strategies aloud.

1. Maya digs in the soft soil. She finds 2 rare finds — tiny glowing seeds. She finds 3 more. How many glowing seeds does Maya have now? $2 + 3 = \underline{\quad}$

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

2. Maya spots 4 special objects — striped garden stones — near the rose bush. She finds 1 more stone under a leaf. Fill in the blank: $4 + 1 = \underline{\quad}$

Answer: Q2: 4 special objects + 1 special object = 5 special objects. Maya has 5 striped garden stones.

3. Maya lifts a big leaf. She sees 5 unique items — spotted beetles with gold wings. She lifts another leaf and sees 4 more. How many spotted beetles did Maya find? Show your working.

Answer: Q3: 5 unique items + 4 unique items = 9 unique items. Count on from 5: 6, 7, 8, 9. Maya found 9 spotted beetles.

4. Maya collects rare finds — curly purple ferns. She puts 6 ferns in her basket. Her friend gives her 5 more ferns. Is $6 + 5 = 12$? True or False?

Answer: Q4: 6 rare finds + 5 rare finds = 11 rare finds. Count on from 6: 7, 8, 9, 10, 11. $6 + 5 = 11$, NOT 12. The answer is FALSE.

5. Maya follows a mud path to a hidden treasure — a clay pot full of seed pods! The pot holds 7 seed pods. Maya drops in 6 more seed pods. How many seed pods are in the pot now? Show your working.

Answer: Q5: 7 seed pods + 6 seed pods = 13 seed pods. Start at 7, count on 6: 8, 9, 10, 11, 12, 13. There are 13 seed pods in the pot.

6. Maya opens the hidden treasure — a clay pot. It already has 8 seed pods inside. Maya adds 7 more seed pods from her basket. How many seed pods are in the hidden treasure now? Show every step.

Answer: Q6: 8 seed pods + 7 seed pods = 15 seed pods. Use make-ten: $8 + 2 = 10$, then $10 + 5 = 15$. The hidden treasure now holds 15 seed pods.

7. Maya finds two unique items — a cracked garden lantern with 9 fireflies inside and a mossy jar with 8 fireflies inside. She gently tips both into one big jar. How many fireflies does Maya have? Show your working.

Answer: Q7: 9 fireflies + 8 fireflies = 17 fireflies. Use make-ten: $9 + 1 = 10$, then $10 + 7 = 17$. Maya has 17 fireflies in the big jar.

8. Maya has reached the heart of the garden! She counts all her rare finds and special objects from today. She has 9 glowing seeds in one pocket and 9 striped stones in the other pocket. How many treasures does Maya have in all? Show your working. What will Maya plant first tomorrow with her glowing seeds?

Answer: Q8: 9 glowing seeds + 9 striped stones = 18 treasures. Use make-ten: $9 + 1 = 10$, then $10 + 8 = 18$. Maya has 18 treasures in all! She has enough glowing seeds to start her very own rare garden tomorrow.

