

Maya's Time-Travel Counting Quest

Grade 1

math

time-travelers

Students will be able to count forward and backward within 20 using a time-travel story context.

Name: _____

Date: _____

1. Maya's time machine glows! She loads 3 special objects inside. Then she loads 2 more. How many special objects are loaded? Show your counting.

2. Maya lands in the past! She spots 4 unique items on a rock. She counts 2 more nearby. How many unique items does Maya see? Show your counting.

3. Maya finds rare finds in a cave. She has 5. She finds 4 more deep inside. How many rare finds does Maya have now? Show your working.

4. Fill in the blank. Maya counts hidden treasures: 7, 8, 9, __, 11, __. Write the two missing numbers.

5. True or false? Maya counts 6 special objects. She finds 5 more. She now has 12 special objects. Circle TRUE or FALSE and show your count.

6. Maya packs her bag! She has 8 rare finds. She adds 9 more from a hidden treasure chest. How many rare finds does Maya have? Show every step.

7. Maya had 15 unique items. She used 6 to fix the time machine. How many unique items does Maya have left? Show your working.

8. Maya is home! She counts all her finds. She has 9 special objects and 8 hidden treasures. How many finds in all? Write a number sentence and show your count. What did Maya bring home?

Answer Key: Maya's Time-Travel Counting Quest

GRADE 1 | TEACHER & PARENT USE ONLY

After Q6, pause and ask: 'How many rare finds did Maya load up in all?' — students can use their fingers or a number line from this worksheet to check their count of 17.

1. Maya's time machine glows! She loads 3 special objects inside. Then she loads 2 more. How many special objects are loaded? Show your counting.

Answer: 3 special objects + 2 more special objects. Count on: 3 → 4 → 5. Maya loaded 5 special objects in all.

2. Maya lands in the past! She spots 4 unique items on a rock. She counts 2 more nearby. How many unique items does Maya see? Show your counting.

Answer: 4 unique items + 2 unique items. Count on: 4 → 5 → 6. Maya sees 6 unique items in all.

3. Maya finds rare finds in a cave. She has 5. She finds 4 more deep inside. How many rare finds does Maya have now? Show your working.

Answer: 5 rare finds + 4 rare finds. Count on: 5 → 6 → 7 → 8 → 9. Maya has 9 rare finds in all.

4. Fill in the blank. Maya counts hidden treasures: 7, 8, 9, __, 11, __. Write the two missing numbers.

Answer: Count forward by 1: 7 → 8 → 9 → 10 → 11 → 12. The two missing numbers are 10 and 12.

5. True or false? Maya counts 6 special objects. She finds 5 more. She now has 12 special objects. Circle TRUE or FALSE and show your count.

Answer: 6 special objects + 5 special objects. Count on: 6 → 7 → 8 → 9 → 10 → 11. Maya has 11, not 12. The answer is FALSE.

6. Maya packs her bag! She has 8 rare finds. She adds 9 more from a hidden treasure chest. How many rare finds does Maya have? Show every step.

Answer: 8 rare finds + 9 rare finds. Count on from 8: 9 → 10 → 11 → 12 → 13 → 14 → 15 → 16 → 17. Maya has 17 rare finds in all.

7. Maya had 15 unique items. She used 6 to fix the time machine. How many unique items does Maya have left? Show your working.

Answer: 15 unique items – 6 unique items. Count back from 15: 14 → 13 → 12 → 11 → 10 → 9. Maya has 9 unique items left.

8. Maya is home! She counts all her finds. She has 9 special objects and 8 hidden treasures. How many finds in all? Write a number sentence and show your count. What did Maya bring home?

Answer: 9 special objects + 8 hidden treasures. Count on from 9: 10 → 11 → 12 → 13 → 14 → 15 → 16 → 17. Number sentence: $9 + 8 = 17$. Maya brought home 17 amazing finds from her time trip!