

Maya's Deep Sea Counting Adventure

Grade 1

math

underwater-explorers

Students will count to 20 and count on from any number within 20.

Name: _____

Date: _____

1. Maya dives deep. She spots 4 glowing sea shells on the sandy floor. Then she finds 3 more shells nearby. How many shells did Maya find? Draw a line for each shell. Count them all.

2. Maya swims to a coral arch. She counts 6 bright sea stars resting on the coral. She counts 2 more sea stars below. How many sea stars does Maya count in all? Show your count marks.

3. Maya finds a unique item — a glowing treasure chest! Inside she sees 5 rare find pearls on the left and 7 rare find pearls on the right. How many rare find pearls are inside? Count on from 5 to find out.

4. Maya swims deeper. She counts 9 special object sea gems stuck to a sunken ship. She finds 4 more sea gems in a crack. How many sea gems does Maya have now? Count on from 9.

5. True or false? Maya collects 8 rare find golden coins from the ocean floor. She finds 5 more coins near a rock. Maya now has 14 coins in all. Is that true or false? Show your count to check.

6. Maya reaches the hidden treasure cave! She counts 8 glowing shells already in her bag. She finds 6 more special object shells glowing on the cave wall. How many glowing shells does Maya have in all? Count on from 8. Show every step.

7. Fill in the blanks. Maya lines up all her unique item sea gems and rare find pearls to count them. She has ___ sea gems (from Q4) and ___ rare find pearls (from Q3). She counts on from 13. How many does Maya have in all? 13, ___, ___, ___, ___. Maya has ___ items in all.

8. Maya is back on her boat! She lays out every treasure she found today. She has 14 glowing shells (Q6), 4 special object sea gems she found at the start (Q1 shells counted as gems here — use 4), and 2 rare find golden coins she kept safe. Maya wants to know her grand total. Count on from 14, then count on the next group, then the last. How many treasures did Maya bring home from the deep sea? What is Maya's grand total? Show all your steps.

Answer Key: Maya's Deep Sea Counting Adventure

GRADE 1 | TEACHER & PARENT USE ONLY

After Q6, pause and ask students to share how they counted Maya's 14 glowing shells — some will count all, some will count on from 8. This specific moment reveals which students have internalized counting-on, a key Grade 1 milestone from this worksheet.

1. Maya dives deep. She spots 4 glowing sea shells on the sandy floor. Then she finds 3 more shells nearby. How many shells did Maya find? Draw a line for each shell. Count them all.

Answer: Count all shells: | | | | and | | | = $4 + 3 = 7$ shells. Maya found 7 glowing sea shells.

2. Maya swims to a coral arch. She counts 6 bright sea stars resting on the coral. She counts 2 more sea stars below. How many sea stars does Maya count in all? Show your count marks.

Answer: Count all sea stars: | | | | | | and | | = $6 + 2 = 8$ sea stars. Maya counts 8 sea stars in all.

3. Maya finds a unique item — a glowing treasure chest! Inside she sees 5 rare find pearls on the left and 7 rare find pearls on the right. How many rare find pearls are inside? Count on from 5 to find out.

Answer: Count on from 5: 5 ... 6, 7, 8, 9, 10, 11, 12 — that is 7 more counted on. $5 + 7 = 12$ rare find pearls inside the chest.

4. Maya swims deeper. She counts 9 special object sea gems stuck to a sunken ship. She finds 4 more sea gems in a crack. How many sea gems does Maya have now? Count on from 9.

Answer: Count on from 9: 9 ... 10, 11, 12, 13 — that is 4 more counted on. $9 + 4 = 13$ sea gems. Maya has 13 sea gems now.

5. True or false? Maya collects 8 rare find golden coins from the ocean floor. She finds 5 more coins near a rock. Maya now has 14 coins in all. Is that true or false? Show your count to check.

Answer: Count on from 8: 8 ... 9, 10, 11, 12, 13 — that is 5 more. $8 + 5 = 13$ coins, NOT 14. The answer is FALSE. Maya has 13 coins, not 14.

6. Maya reaches the hidden treasure cave! She counts 8 glowing shells already in her bag. She finds 6 more special object shells glowing on the cave wall. How many glowing shells does Maya have in all? Count on from 8. Show every step.

Answer: Start at 8. Count on 6 more: 8 ... 9, 10, 11, 12, 13, 14. That is 6 steps counted on. $8 + 6 = 14$ glowing shells. Maya has 14 glowing shells in all.

7. Fill in the blanks. Maya lines up all her unique item sea gems and rare find pearls to count them. She has ___ sea gems (from Q4) and ___ rare find pearls (from Q3). She counts on from 13. How many does Maya have in all? 13, ___, ___, ___, ___. Maya has ___ items in all.

Answer: Sea gems from Q4 = 13. Rare find pearls from Q3 = 12. Count on from 13 by 12 more: 13 ... 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25 — that is 12 steps. $13 + 12 = 25$ items. The blanks: 13 sea gems, 12 rare find pearls. Counting on: 13, 14, 15, 16, 17 (first four steps shown). Maya has 25 items in all.

8. Maya is back on her boat! She lays out every treasure she found today. She has 14 glowing shells (Q6), 4 special object sea gems she found at the start (Q1 shells counted as gems here — use 4), and 2 rare find golden coins she kept safe. Maya wants to know her grand total. Count on from 14, then count on the next

group, then the last. How many treasures did Maya bring home from the deep sea? What is Maya's grand total? Show all your steps.

Answer: Step 1 — Start with 14 glowing shells. Step 2 — Count on 4 sea gems: 14 ... 15, 16, 17, 18. Now Maya has 18. Step 3 — Count on 2 golden coins: 18 ... 19, 20. $14 + 4 + 2 = 20$ treasures in all. Maya brought home 20 treasures! She filled her whole treasure bag and completed her deep sea mission.