

Maya's Summer Treasure Hunt Adventure

Grade 1

math

summer-vacation

Students will subtract within 20 using counting strategies and number relationships.

Name: _____

Date: _____

1. Maya finds 6 rare finds on the beach. She gives 2 rare finds to her friend. How many rare finds does Maya have now? $6 - 2 = \underline{\quad}$

2. Maya spots 8 unique items in a tide pool. The waves wash 3 unique items away. How many unique items are left? $8 - 3 = \underline{\quad}$

3. Maya packs 12 special objects in her bag. She drops 4 special objects on the trail. How many special objects does Maya still have? $12 - 4 = \underline{\quad}$

4. Maya digs up 14 rare finds near the big rock. She trades 6 rare finds for a treasure map. How many rare finds does Maya keep? $14 - 6 = \underline{\quad}$

5. Maya fills in the blank. She finds $\underline{\quad}$ unique items. She loses 7. She has 9 left. What number fills the blank? $\underline{\quad} - 7 = 9$

6. Maya collects 15 special objects from the cove. A storm washes 8 special objects back into the sea. How many special objects does Maya rescue? Is $15 - 8 = 6$ true or false? Write the correct answer too. $15 - 8 = \underline{\quad}$

7. Maya finds 18 hidden treasure coins under a palm tree. She spends 9 hidden treasure coins to buy a boat ride. Then she loses 3 more hidden treasure coins in the sand. How many hidden treasure coins does Maya have now? Step 1: $18 - 9 = \underline{\quad}$ Step 2: $\underline{\quad} - 3 = \underline{\quad}$

8. Maya reaches the hidden treasure chest at last! The chest holds 20 rare finds. Maya already collected 8 rare finds on her journey today. How many more rare finds are inside the chest than in Maya's bag? Show your working. Draw a number line from 0 to 20 and jump to find the gap. Then write: $20 - 8 = \underline{\quad}$. Maya's big discovery: she now puts ALL rare finds together. $8 + \underline{\quad} = 20$. What is the total Maya brings home?

Answer Key: Maya's Summer Treasure Hunt Adventure

GRADE 1 | TEACHER & PARENT USE ONLY

After Q6, pause and ask students: Maya had 15 sea glass pieces but lost some — how many did she lose? Have partners act out the subtraction using small beach pebbles or counters before writing the number sentence.

1. Maya finds 6 rare finds on the beach. She gives 2 rare finds to her friend. How many rare finds does Maya have now? $6 - 2 = \underline{\quad}$
Answer: $6 - 2 = 4$. Maya has 4 rare finds.
2. Maya spots 8 unique items in a tide pool. The waves wash 3 unique items away. How many unique items are left? $8 - 3 = \underline{\quad}$
Answer: $8 - 3 = 5$. Maya sees 5 unique items.
3. Maya packs 12 special objects in her bag. She drops 4 special objects on the trail. How many special objects does Maya still have? $12 - 4 = \underline{\quad}$
Answer: $12 - 4 = 8$. Maya still has 8 special objects.
4. Maya digs up 14 rare finds near the big rock. She trades 6 rare finds for a treasure map. How many rare finds does Maya keep? $14 - 6 = \underline{\quad}$
Answer: $14 - 6 = 8$. Maya keeps 8 rare finds.
5. Maya fills in the blank. She finds $\underline{\quad}$ unique items. She loses 7. She has 9 left. What number fills the blank? $\underline{\quad} - 7 = 9$
Answer: $9 + 7 = 16$. So $16 - 7 = 9$. Maya found 16 unique items.
6. Maya collects 15 special objects from the cove. A storm washes 8 special objects back into the sea. How many special objects does Maya rescue? Is $15 - 8 = 6$ true or false? Write the correct answer too. $15 - 8 = \underline{\quad}$
Answer: $15 - 8 = 7$. The statement $15 - 8 = 6$ is FALSE. Maya rescues 7 special objects.
7. Maya finds 18 hidden treasure coins under a palm tree. She spends 9 hidden treasure coins to buy a boat ride. Then she loses 3 more hidden treasure coins in the sand. How many hidden treasure coins does Maya have now? Step 1: $18 - 9 = \underline{\quad}$ Step 2: $\underline{\quad} - 3 = \underline{\quad}$
Answer: Step 1: $18 - 9 = 9$. Step 2: $9 - 3 = 6$. Maya has 6 hidden treasure coins left.
8. Maya reaches the hidden treasure chest at last! The chest holds 20 rare finds. Maya already collected 8 rare finds on her journey today. How many more rare finds are inside the chest than in Maya's bag? Show your working. Draw a number line from 0 to 20 and jump to find the gap. Then write: $20 - 8 = \underline{\quad}$. Maya's big discovery: she now puts ALL rare finds together. $8 + \underline{\quad} = 20$. What is the total Maya brings home?
Answer: $20 - 8 = 12$. The chest has 12 more rare finds than Maya's bag. Check with addition: $8 + 12 = 20$. Maya brings home all 20 rare finds. Number line: start at 8, count up 12 jumps to reach 20. Maya completes her summer treasure hunt with 20 rare finds total!

