Maya's Mountain Subtraction Adventure

Grade 1 math mountains

Students will subtract numbers within 20 using mountain story scenes.

Name: _____ Date: _____

1. Maya finds 6 rare gems on a snowy trail. She drops 2 rare gems going up. How many rare gems does Maya have now? Show your work: 6 - 2 = ___

2. Maya spots 9 special crystals near a big rock. She puts 4 special crystals in her bag. How many special crystals are left on the rock? Show your work: 9 - 4 = ___

3. Maya climbs up and finds 13 unique stones on a ledge. Wind blows 5 unique stones off. How many unique stones stay? True or False: Maya has 8 unique stones left. Show your work: 13 - 5 = ___

4. Deep in a cave, Maya sees 15 hidden treasure coins. She uses 7 hidden treasure coins to mark her trail. How many hidden treasure coins does Maya still have? Fill in the blank: 15 - 7 = ___

5. Maya finds 12 rare feathers near the mountain peak. She gives 3 rare feathers to a bird. Then 2 more rare feathers blow away. How many rare feathers does Maya keep? Show your work: 12 - 3 - 2 = ___

6. Maya reaches the top! She has 18 special crystals. She uses 6 special crystals to build a marker. Then she drops 5 more. How many special crystals does Maya have now? Show all steps: 18 - 6 = ___ then ___ - 5 = ___

7. Maya finds a unique item — a glowing box with 20 rare finds inside. She uses 8 rare finds to light her path down. She loses 4 more rare finds in the snow. How many rare finds are in the box now? Show all steps: 20 - 8 = ___ then ___ - 4 = ___

8. Maya makes it home! She counts all her hidden treasure: 16 gems, 3 rare finds, and 1 unique item. On the way down she shed 9 gems in the snow. How many gems does Maya bring home? Write a number sentence and show your work. Then write: Maya brought home ___ gems from her mountain trip!

Answer Key: Maya's Mountain Subtraction Adventure

GRADE 1 | TEACHER & PARENT USE ONLY

> Before Q6, ask students to act out Maya dropping gems down a mountain slope — this physical movement helps struggling students visualize the two-step subtraction in Q6 and Q7.

1. Maya finds 6 rare gems on a snowy trail. She drops 2 rare gems going up. How many rare gems does Maya have now? Show your work: 6 - 2 = ___

Answer: Q1: 6 rare gems - 2 dropped = 4 rare gems

2. Maya spots 9 special crystals near a big rock. She puts 4 special crystals in her bag. How many special crystals are left on the rock? Show your work: 9 - 4 = ___

Answer: Q2: 9 special crystals - 4 placed in bag = 5 special crystals left on the rock

3. Maya climbs up and finds 13 unique stones on a ledge. Wind blows 5 unique stones off. How many unique stones stay? True or False: Maya has 8 unique stones left. Show your work: 13 - 5 = ___

Answer: Q3: 13 unique stones - 5 blown off = 8 unique stones left. TRUE — Maya has 8 unique stones.

4. Deep in a cave, Maya sees 15 hidden treasure coins. She uses 7 hidden treasure coins to mark her trail. How many hidden treasure coins does Maya still have? Fill in the blank: 15 - 7 = ___

Answer: Q4: 15 hidden treasure coins - 7 used to mark trail = 8 hidden treasure coins remaining

5. Maya finds 12 rare feathers near the mountain peak. She gives 3 rare feathers to a bird. Then 2 more rare feathers blow away. How many rare feathers does Maya keep? Show your work: 12 - 3 - 2 = ___

Answer: Q5: 12 rare feathers - 3 given to bird = 9 rare feathers. Then 9 - 2 blown away = 7 rare feathers Maya keeps.

6. Maya reaches the top! She has 18 special crystals. She uses 6 special crystals to build a marker. Then she drops 5 more. How many special crystals does Maya have now? Show all steps: 18 - 6 = ___ then ___ - 5 = ___

Answer: Q6: 18 special crystals - 6 used for marker = 12 special crystals. Then 12 - 5 dropped = 7 special crystals left.

7. Maya finds a unique item — a glowing box with 20 rare finds inside. She uses 8 rare finds to light her path down. She loses 4 more rare finds in the snow. How many rare finds are in the box now? Show all steps: 20 - 8 = ___ then ___ - 4 = ___

Answer: Q7: 20 rare finds - 8 used to light path = 12 rare finds. Then 12 - 4 lost in snow = 8 rare finds left in the box.

8. Maya makes it home! She counts all her hidden treasure: 16 gems, 3 rare finds, and 1 unique item. On the way down she shed 9 gems in the snow. How many gems does Maya bring home? Write a number sentence and show your work. Then write: Maya brought home ___ gems from her mountain trip!

Answer: Q8: Maya started with 16 gems. She shed 9 gems in the snow. 16 - 9 = 7 gems brought home. Maya brought home 7 gems from her mountain trip! Maya completed her mission and returned safely with her treasure.