

Maya's Valentine Heart Hunt — Subtraction Adventure

Grade 1

math

valentines-day

Students will subtract within 20 using valentines-day story scenes with Maya.

Name: _____

Date: _____

1. Maya finds 6 heart gems. She gives 2 away. How many heart gems does Maya have left? $6 - 2 = \underline{\quad}$

2. Maya spots 9 rare finds. She drops 3. How many rare finds are left? $9 - 3 = \underline{\quad}$

3. Maya has 12 special cards. She mails 5 to friends. How many special cards stay with Maya? $12 - 5 = \underline{\quad}$

4. Maya collects 14 unique items from the trail. She shares 6 with her class. How many unique items does Maya keep? $14 - 6 = \underline{\quad}$

5. True or False: Maya has 11 heart gems. She loses 4. She now has 8 heart gems. Write TRUE or FALSE. Then write the real answer. $11 - 4 = \underline{\quad}$

6. Maya finds 15 heart gems in the hidden treasure box. She drops 8 on the path home. How many heart gems does Maya bring home? $15 - 8 = \underline{\quad}$

7. Maya opens the hidden treasure. It holds 18 rare finds. She gives 9 rare finds to friends. Then she gives 3 more away. How many rare finds does Maya have now? Step 1: $18 - 9 = \underline{\quad}$ Step 2: $\underline{\quad} - 3 = \underline{\quad}$

8. Maya reaches the heart vault at last! The vault held 20 unique items when the hunt began. Maya found that 7 unique items were already gone. She then used 6 more unique items to unlock the hidden treasure inside. How many unique items are still in the vault now? Maya solved the hunt! Show all your steps. Step 1: $20 - 7 = \underline{\quad}$ Step 2: $\underline{\quad} - 6 = \underline{\quad}$

Answer Key: Maya's Valentine Heart Hunt — Subtraction Adventure

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After Q6, ask students: Maya had 15 heart gems but lost some — how many did she find back? Invite pairs to act out the subtraction with red counters as heart gems on their desks.

1. Maya finds 6 heart gems. She gives 2 away. How many heart gems does Maya have left? $6 - 2 = \underline{\quad}$

Answer: Q1: 6 heart gems – 2 given away = 4 heart gems left. Answer: 4

2. Maya spots 9 rare finds. She drops 3. How many rare finds are left? $9 - 3 = \underline{\quad}$

Answer: Q2: 9 rare finds – 3 dropped = 6 rare finds left. Answer: 6

3. Maya has 12 special cards. She mails 5 to friends. How many special cards stay with Maya? $12 - 5 = \underline{\quad}$

Answer: Q3: 12 special cards – 5 mailed = 7 special cards left. Answer: 7

4. Maya collects 14 unique items from the trail. She shares 6 with her class. How many unique items does Maya keep? $14 - 6 = \underline{\quad}$

Answer: Q4: 14 unique items – 6 shared = 8 unique items left. Answer: 8

5. True or False: Maya has 11 heart gems. She loses 4. She now has 8 heart gems. Write TRUE or FALSE. Then write the real answer. $11 - 4 = \underline{\quad}$

Answer: Q5: 11 heart gems – 4 lost = 7 heart gems. 8 is wrong. Answer: FALSE. The real answer is 7.

6. Maya finds 15 heart gems in the hidden treasure box. She drops 8 on the path home. How many heart gems does Maya bring home? $15 - 8 = \underline{\quad}$

Answer: Q6: 15 heart gems – 8 dropped = 7 heart gems brought home. Answer: 7

7. Maya opens the hidden treasure. It holds 18 rare finds. She gives 9 rare finds to friends. Then she gives 3 more away. How many rare finds does Maya have now? Step 1: $18 - 9 = \underline{\quad}$ Step 2: $\underline{\quad} - 3 = \underline{\quad}$

Answer: Q7: Step 1: 18 rare finds – 9 given to friends = 9 rare finds. Step 2: 9 rare finds – 3 more given away = 6 rare finds. Answer: 6

8. Maya reaches the heart vault at last! The vault held 20 unique items when the hunt began. Maya found that 7 unique items were already gone. She then used 6 more unique items to unlock the hidden treasure inside. How many unique items are still in the vault now? Maya solved the hunt! Show all your steps. Step 1: $20 - 7 = \underline{\quad}$ Step 2: $\underline{\quad} - 6 = \underline{\quad}$

Answer: Q8: Step 1: 20 unique items – 7 already gone = 13 unique items. Step 2: 13 unique items – 6 used to unlock = 7 unique items still in the vault. Maya opened the hidden treasure and found 7 unique items waiting inside — her Valentine's Day hunt is complete! Answer: 7