LESSON MAKER PRO

Missing Number Mission

Find the number that makes each equation true.

GRADE 2 · MA.2.AR.2.2

MA.2.AR.2.2 "Determine the unknown whole number in an addition or subtraction equation, relating three or four whole numbers, with the unknown in any position."

NAME _____ DATE _____

FIND THE MISSING NUMBER

Look at the numbers you know. Add or subtract to find the number that makes the equation true. Put your number in the blank, then check that both sides are equal.

WORKED EXAMPLE

Ava has 6 shells. She finds 5 more shells. 6 + 5 = ____

1. Start with 6 shells.
2. Add 5 shells: 6 + 5 = 11.
3. Write 11 in the blank.

Answer: 11

PRACTICE 5 problems

1 Ben has 3 toy cars. He gets 4 more toy cars. 3 + 4 = ___

ANSWER _____

2 Mia has 2 stickers. She has 9 stickers altogether. 2 + ___ = 9

ANSWER _____

3 There are 9 birds in a tree. Some fly away, and 2 birds are left. 9 - ___ = 2

ANSWER _____

4 There are some red balloons and 7 blue balloons. There are 10 balloons altogether. ___ + 7 = 10

ANSWER _____

5 Leo has 12 beads. He uses 4 beads. 12 - 4 = ___

ANSWER _____

APPLY IT Show your work

1 Zuri has 3 green crayons. She has 10 crayons altogether. How many purple crayons does Zuri have? Write: 3 + ___ = 10

WORK SPACE

ANSWER _____

2 Noah had 12 grapes. He ate 4 grapes. How many grapes are left? Write: 12 - 4 = ___

WORK SPACE

ANSWER _____

CHALLENGE One step up

At a pet parade, there are 2 dogs, some cats, and 3 rabbits. There are 9 pets altogether. How many cats are there? Write: 2 + ___ + 3 = 9

WORK SPACE AND ANSWER

ANSWER KEY

Missing Number Mission

GRADE 2 · MA.2.AR.2.2

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Ben has 3 toy cars. He gets 4 more toy cars. 3 + 4 = ___	**7**
2	Mia has 2 stickers. She has 9 stickers altogether. 2 + ___ = 9	**7**
3	There are 9 birds in a tree. Some fly away, and 2 birds are left. 9 - ___ = 2	**7**
4	There are some red balloons and 7 blue balloons. There are 10 balloons altogether. ___ + 7 = 10	**3**
5	Leo has 12 beads. He uses 4 beads. 12 - 4 = ___	**8**

PART 2 · APPLY IT

1. **7 purple crayons** Subtract 3 from 10. Zuri has 7 purple crayons.
2. **8 grapes** Subtract 4 from 12. Noah has 8 grapes left.

CHALLENGE

4 cats

Accept the number alone or the number with the object named in the problem. Students may use addition or subtraction to find and check each missing number.