

# Think It Through

Plan, solve, and check each story problem.

GRADE 2 • 2.MP.1

**2.MP.1** "Make sense of problems and persevere in solving them."

NAME \_\_\_\_\_

DATE \_\_\_\_\_

## MAKE A PLAN

Read the whole problem. Decide if the amount grows, gets smaller, or is shared equally. Write a number sentence, solve it, and check whether your answer fits the story. If your plan does not fit, try another operation.

## WORKED EXAMPLE

Noah has 14 shells. He gives 6 shells to a friend. How many shells are left?

1. Start with 14 shells.
2. Take away 6:  $14 - 6 = 8$ .
3. Check:  $8 + 6 = 14$ .

**Answer: 8 shells**

## PRACTICE 5 problems

- 1** Lena has 7 toy cars. Her uncle gives her 5 more toy cars. How many toy cars does Lena have now? Write a number sentence and check.

ANSWER \_\_\_\_\_

- 2** Omar has 13 stickers. He gives 4 stickers to his cousin. How many stickers does Omar have left? Write a number sentence and check.

ANSWER \_\_\_\_\_

- 3** Ava puts 12 grapes equally on 3 plates. How many grapes are on each plate? Write a number sentence and check.

ANSWER \_\_\_\_\_

- 4** There are 11 fish in a tank. 7 fish hide behind plants. How many fish can you see? Write a number sentence and check.

ANSWER \_\_\_\_\_

- 5** Ben has 10 blue blocks and 3 green blocks. How many blocks does Ben have altogether? Write a number sentence and check.

ANSWER \_\_\_\_\_

## APPLY IT Show your work

- 1** At the school fair, Jay has 17 tickets. He spends 5 tickets on a game. How many tickets does Jay have left? Show how you know.

WORK SPACE

ANSWER \_\_\_\_\_

- 2** Four friends each make 3 paper airplanes. How many paper airplanes do they make altogether? Show how you know.

WORK SPACE

ANSWER \_\_\_\_\_

## CHALLENGE One step up

### CHALLENGE

A bracelet has 18 beads. 7 beads are red, and the rest are yellow. How many yellow beads are there? Write a number sentence and a sentence that explains how you know.

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## PART 1 • PRACTICE

| # | PROBLEM                                                                                                                            | ANSWER             |
|---|------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| 1 | Lena has 7 toy cars. Her uncle gives her 5 more toy cars. How many toy cars does Lena have now? Write a number sentence and check. | <b>12 toy cars</b> |
| 2 | Omar has 13 stickers. He gives 4 stickers to his cousin. How many stickers does Omar have left? Write a number sentence and check. | <b>9 stickers</b>  |
| 3 | Ava puts 12 grapes equally on 3 plates. How many grapes are on each plate? Write a number sentence and check.                      | <b>4 grapes</b>    |
| 4 | There are 11 fish in a tank. 7 fish hide behind plants. How many fish can you see? Write a number sentence and check.              | <b>4 fish</b>      |
| 5 | Ben has 10 blue blocks and 3 green blocks. How many blocks does Ben have altogether? Write a number sentence and check.            | <b>13 blocks</b>   |

## PART 2 • APPLY IT

1. **12 tickets** Subtract the tickets spent:  $17 - 5 = 12$ . Check by adding  $12 + 5 = 17$ .
2. **12 paper airplanes** Use equal groups: 4 groups of 3 make 12. Check by counting 3, 6, 9, 12.

## CHALLENGE

**$7 + 11 = 18$ . I know there are 11 yellow beads because 7 red beads plus 11 yellow beads make 18 beads.**

Accept correct number sentences that match each story and a check using the inverse operation or counting. For the challenge, accept  $18 - 7 = 11$  or  $7 + 11 = 18$  with a clear explanation.