LESSON MAKER PRO

# Two Changes

*Find what happens after both changes.*

**GRADE 2 · 2.AT.A.2**

**2.AT.A.2** "Use addition and/or subtraction within 100 to solve two-step problems in context involving any situation or position of an unknown by using objects, drawings, and equations with a symbol for the unknown number to represent the problem."

NAME _____ DATE _____

### SOLVE IN ORDER

Find what happens first. Then use that number to find what happens next. You can draw a quick picture or write equations with ___ for the numbers you need to find.

### WORKED EXAMPLE

Lena has 14 crayons. She gets 9 more. Then 5 crayons break. How many crayons can she use now?

1. 14 + 9 = ___
2. 14 + 9 = 23
3. 23 - 5 = ___
4. 23 - 5 = 18

**Answer: 18 crayons**

## PRACTICE 5 problems

**1** Mia has 11 toy cars. She gets 3 more, then gives away 2. How many toy cars does she have now?

**ANSWER** _____

**2** Ben has 20 crackers. He eats 3, then gets 10 more. How many crackers does he have now?

**ANSWER** _____

**3** There are 32 books on a shelf. Kids borrow 10 books, then return 3. How many books are on the shelf now?

**ANSWER** _____

**4** There are 24 balloons at a party. Then 2 pop, and 10 more are blown up. How many balloons are there now?

**ANSWER** _____

**5** Kai has some marbles. He finds 3 more, then gives 10 away. He has 12 left. How many marbles did he have at first?

**ANSWER** _____

## APPLY IT Show your work

**1** Ava has 12 stickers. She gives some to a friend. Then she gets 10 more stickers. Now she has 20. How many stickers did she give her friend? Show your steps.

WORK SPACE

**ANSWER** _____

**2** Sam has 26 trading cards. He trades away 10 cards, then gets 3 new cards. How many cards does he have now? Show your steps.

WORK SPACE

**ANSWER** _____

## CHALLENGE One step up

Nia has some pencils. She gives 3 to a friend, then gets 11 more. Now she has 30 pencils. How many pencils did she have at first? Write two equations to show how you know.

WORK SPACE AND ANSWER

**ANSWER KEY**

# Two Changes

**GRADE 2 · 2.AT.A.2**

## PART 1 · PRACTICE

| # | PROBLEM | ANSWER |
|---|---|---|
| 1 | Mia has 11 toy cars. She gets 3 more, then gives away 2. How many toy cars does she have now? | **12 toy cars** |
| 2 | Ben has 20 crackers. He eats 3, then gets 10 more. How many crackers does he have now? | **27 crackers** |
| 3 | There are 32 books on a shelf. Kids borrow 10 books, then return 3. How many books are on the shelf now? | **25 books** |
| 4 | There are 24 balloons at a party. Then 2 pop, and 10 more are blown up. How many balloons are there now? | **32 balloons** |
| 5 | Kai has some marbles. He finds 3 more, then gives 10 away. He has 12 left. How many marbles did he have at first? | **19 marbles** |

## PART 2 · APPLY IT

1. **2 stickers** Before getting 10 more, Ava had 20 - 10 = 10 stickers. She gave away 12 - 10 = 2 stickers.
2. **19 cards** Sam has 26 - 10 = 16 cards after the trade. Then he has 16 + 3 = 19 cards.

## CHALLENGE

**22 pencils. 30 - 11 = 19; 19 + 3 = 22.**

Accept drawings or equations that show both changes. For problems with an unknown starting number or change, accept working backward or checking the answer by working forward.