LESSON MAKER PRO

Two Ways to Solve

Connect two ways to add and subtract.

GRADE 2 · MT.2.NBT.9

MT.2.NBT.9 "Understand and make connections between different strategies for addition and subtraction."

NAME _____ DATE _____

SAME ANSWER, TWO WAYS

To add, you can make a ten or add tens and ones. To subtract, you can take away tens first or move to a nearby ten first. Each way gives the same answer.

WORKED EXAMPLE

Sam has 26 toy cars. He gets 17 more. How many toy cars does he have now?

1. Break 17 into 4 and 13.
2. Make a ten: 26 + 4 + 13 = 43.
3. Add tens and ones: 20 + 10 + 6 + 7 = 43.

Answer: 43 toy cars

PRACTICE 5 problems

1 Mia has 38 stickers. She gets 14 more. How many stickers does she have? Show two ways: make a ten and add tens and ones.

ANSWER _____

2 A box has 47 crayons. You put in 15 more. How many crayons are in the box? Show two ways: make a ten and add tens and ones.

ANSWER _____

3 There are 54 cookies. Your class eats 16. How many are left? Show two ways: take away tens first and move to a ten first.

ANSWER _____

4 A shop has 72 balloons. It sells 25. How many are left? Show two ways: take away tens first and move to a ten first.

ANSWER _____

5 A jar has 35 buttons. You add 28 more. How many buttons are in the jar? Show two ways: make a ten and add tens and ones.

ANSWER _____

APPLY IT Show your work

1 You have 59 game tickets and win 24 more. How many tickets do you have now? Show two ways.

WORK SPACE

ANSWER _____

2 A class has 75 pencils. Students use 28. How many pencils are left? Show two ways.

WORK SPACE

ANSWER _____

CHALLENGE One step up

A shelf has 81 books. Kids take 36 books. Lee says 55 books are left because 81 - 30 - 6 = 55. Is Lee right? Show two ways to find how many books are left.

WORK SPACE AND ANSWER

ANSWER KEY

Two Ways to Solve

GRADE 2 · MT.2.NBT.9

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Mia has 38 stickers. She gets 14 more. How many stickers does she have? Show two ways: make a ten and add tens and ones.	**52 stickers; 38 + 2 + 12 = 52; 30 + 10 + 8 + 4 = 52**
2	A box has 47 crayons. You put in 15 more. How many crayons are in the box? Show two ways: make a ten and add tens and ones.	**62 crayons; 47 + 3 + 12 = 62; 40 + 10 + 7 + 5 = 62**
3	There are 54 cookies. Your class eats 16. How many are left? Show two ways: take away tens first and move to a ten first.	**38 cookies; 54 - 10 - 6 = 38; 54 - 4 - 12 = 38**
4	A shop has 72 balloons. It sells 25. How many are left? Show two ways: take away tens first and move to a ten first.	**47 balloons; 72 - 20 - 5 = 47; 72 - 2 - 23 = 47**
5	A jar has 35 buttons. You add 28 more. How many buttons are in the jar? Show two ways: make a ten and add tens and ones.	**63 buttons; 35 + 5 + 23 = 63; 30 + 20 + 5 + 8 = 63**

PART 2 · APPLY IT

1. **83 tickets** Making a ten gives 59 + 1 + 23 = 83. Adding tens and ones gives 50 + 20 + 9 + 4 = 83.
2. **47 pencils** Taking away tens first gives 75 - 20 - 8 = 47. Moving to a ten first gives 75 - 5 - 23 = 47.

CHALLENGE

No. 81 - 30 - 6 = 45, and 81 - 1 - 35 = 45. There are 45 books left.

Accept other correct pairs of ways that show the same addition or subtraction result. For the challenge, students must say Lee is not right and find 45 books.