

Tens and Ones

*Add and subtract within 100.***GRADE 2 • NY-2.NBT.5**

NY-2.NBT.5 "Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction."

NAME _____

DATE _____

BREAK APART NUMBERS

Break a number into tens and ones. Add or subtract the tens first, then the ones. You can also use a related addition fact to check a subtraction answer.

WORKED EXAMPLE

A toy box has 46 blocks. Sam puts in 27 more blocks. How many blocks are in the box?

1. $46 + 20 = 66$

2. $66 + 7 = 73$

3. $46 + 27 = 73$

Answer: 73 blocks**PRACTICE** 5 problems

- 1** Mia has 38 stickers. She gets 24 more stickers. How many stickers does she have now?

ANSWER _____

- 2** A snack tray has 71 crackers. Kids eat 35 crackers. How many crackers are left?

ANSWER _____

- 3** Jay has 49 toy cars. His cousin gives him 18 more toy cars. How many toy cars does Jay have now?

ANSWER _____

- 4** There are 83 balloons at a party. Then 47 balloons float away. How many balloons are left?

ANSWER _____

- 5** A shelf has 56 comic books. It holds 90 comic books when full. How many more comic books fit? $56 + \underline{\quad} = 90$

ANSWER _____

APPLY IT Show your work

- 1** Nora has 64 beads for making bracelets. She uses 28 beads. How many beads does Nora have left?

WORK SPACE

ANSWER _____

- 2** There are 39 children at the playground. Then 26 more children come to play. How many children are at the playground now?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A game shelf has 58 puzzles. The class gets 35 more puzzles. How many puzzles are on the shelf? Explain by showing how you add the tens and ones.

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Mia has 38 stickers. She gets 24 more stickers. How many stickers does she have now?	62 stickers
2	A snack tray has 71 crackers. Kids eat 35 crackers. How many crackers are left?	36 crackers
3	Jay has 49 toy cars. His cousin gives him 18 more toy cars. How many toy cars does Jay have now?	67 toy cars
4	There are 83 balloons at a party. Then 47 balloons float away. How many balloons are left?	36 balloons
5	A shelf has 56 comic books. It holds 90 comic books when full. How many more comic books fit? $56 + \underline{\quad} = 90$	34 comic books

PART 2 • APPLY IT

1. **36 beads** Subtract 20 from 64 to get 44. Then subtract 8 to get 36.
2. **65 children** Add 20 to 39 to get 59. Then add 6 to get 65.

CHALLENGE

93 puzzles; $58 + 30 = 88$, and $88 + 5 = 93$.

Accept correct answers shown with a different place-value strategy. For the challenge, accept any clear explanation that adds 58 and 35 to make 93.