

Tens and Ones

Use place value to add and subtract.

GRADE 2 • 2.CE.1

2.CE.1 "The student will recall with automaticity addition and subtraction facts within 20 and estimate, represent, solve, and justify solutions to single-step and multistep problems, including those in context..."

NAME _____

DATE _____

BUILD THE TOTAL

Split each number into tens and ones. Add or subtract the tens, then add or subtract the ones.

WORKED EXAMPLE

A toy box has 43 blocks. Add 25 blocks. How many blocks are there?

1. $43 = 40 + 3$.

2. $25 = 20 + 5$.

3. $40 + 20 = 60$ and $3 + 5 = 8$.

4. $60 + 8 = 68$.

Answer: 68 blocks

PRACTICE 5 problems

- 1** Mia has 27 stickers. She gets 12 more stickers. How many stickers does Mia have now?

ANSWER _____

- 2** A toy bin has 54 cars. Sam puts away 21 cars. How many cars are still in the bin?

ANSWER _____

- 3** There are 18 apple slices on a plate. Seven slices are eaten. How many slices are left?

ANSWER _____

- 4** Noah has 8 blue beads. He needs ____ more beads to have 17 beads. What number goes in the blank?

ANSWER _____

- 5** One book rack has 34 red books and 15 blue books. Another rack has 35 red books and 14 blue books. Write = or $\neq$. Explain why.

ANSWER _____

APPLY IT Show your work

- 1** Zara has 38 trading cards. Her cousin gives her 24 more trading cards. How many trading cards does Zara have now?

WORK SPACE

ANSWER _____

- 2** A pet shelter has 71 small pet toys. The pets use 29 toys. How many pet toys are left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A game club has 58 cards. The club gives away 26 cards. Round each number to the nearest 10 to estimate how many cards are left. Explain your thinking.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Mia has 27 stickers. She gets 12 more stickers. How many stickers does Mia have now?	39 stickers
2	A toy bin has 54 cars. Sam puts away 21 cars. How many cars are still in the bin?	33 cars
3	There are 18 apple slices on a plate. Seven slices are eaten. How many slices are left?	11 slices
4	Noah has 8 blue beads. He needs ____ more beads to have 17 beads. What number goes in the blank?	9
5	One book rack has 34 red books and 15 blue books. Another rack has 35 red books and 14 blue books. Write = or $\neq$. Explain why.	=, because both racks have 49 books.

PART 2 • APPLY IT

1. **62 trading cards** Add 38 and 24. Zara has 62 trading cards.
2. **42 pet toys** Subtract 29 from 71. There are 42 pet toys left.

CHALLENGE

About 30 cards are left. 58 rounds to 60 and 26 rounds to 30. $60 - 30 = 30$.

Accept correct place-value strategies, equations, or words that match each answer. For the challenge, accept an estimate of 30 supported by rounding 58 to 60 and 26 to 30.