

Tens and Ones

Use tens and ones to add and subtract.

GRADE 2 • TEKS 2.4.B

2.4.B "add up to four two-digit numbers and subtract two-digit numbers using mental strategies and algorithms based on knowledge of place value and properties of operations;"

NAME _____

DATE _____

TENS AND ONES

Keep tens with tens and ones with ones. Break apart numbers to add, or take away tens and ones to subtract.

WORKED EXAMPLE

24 toy cars + 35 toy cars

1. Add the tens: $20 + 30 = 50$.
2. Add the ones: $4 + 5 = 9$.
3. Put the parts together: $50 + 9 = 59$.

Answer: 59 toy cars

PRACTICE 5 problems

- 1** Ava has 17 red beads and 22 blue beads. How many beads does Ava have?

ANSWER _____

- 2** A box has 68 crayons. Sam gives 21 crayons to friends. How many crayons are left?

ANSWER _____

- 3** A pet shop has 14 fish, 23 turtles, and 11 lizards. How many pets are there?

ANSWER _____

- 4** Noah has 73 building blocks. He puts 42 blocks in a bin. How many blocks are not in the bin?

ANSWER _____

- 5** A game shelf has 16 card games, 27 board games, 13 puzzle games, and 18 dice games. How many games are on the shelf?

ANSWER _____

APPLY IT Show your work

- 1** At a sticker swap, Kai gets 15 animal stickers, 21 space stickers, and 32 robot stickers. How many stickers does Kai get?

WORK SPACE

ANSWER _____

- 2** The class has 84 juice boxes for a party. They drink 36 juice boxes. How many juice boxes are left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A toy drive collects 25 toy trucks, 19 dolls, 14 balls, and 22 puzzles. How many toys does the drive collect?

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Ava has 17 red beads and 22 blue beads. How many beads does Ava have?	39
2	A box has 68 crayons. Sam gives 21 crayons to friends. How many crayons are left?	47
3	A pet shop has 14 fish, 23 turtles, and 11 lizards. How many pets are there?	48
4	Noah has 73 building blocks. He puts 42 blocks in a bin. How many blocks are not in the bin?	31
5	A game shelf has 16 card games, 27 board games, 13 puzzle games, and 18 dice games. How many games are on the shelf?	74

PART 2 • APPLY IT

1. **68** Add the three groups: $15 + 21 + 32 = 68$.
2. **48** Subtract the juice boxes they drank: $84 - 36 = 48$.

CHALLENGE**80**

Accept answers written with the object name or as a number. Students may use place-value drawings, breaking apart tens and ones, or a vertical algorithm.