

Tens and Ones

Use place value to add and subtract.

GRADE 2 • 2.CE.1.b

2.CE.1.b "Apply strategies (e.g., the use of concrete and pictorial models, place value, properties of addition, the relationship between addition and subtraction) to determine the sum or difference of two whole numbers where addends or minuends do..."

NAME _____

DATE _____

SPLIT INTO PARTS

Break each number into tens and ones. Add or subtract the tens and ones, then put the parts together. You can also check subtraction by adding.

WORKED EXAMPLE

A bin has 46 toy cars. Add 23 more toy cars. How many toy cars are there?

1. $46 = 40 + 6$

2. $23 = 20 + 3$

3. $40 + 20 = 60$ and $6 + 3 = 9$

4. $60 + 9 = 69$

Answer: 69 toy cars

PRACTICE 5 problems

- 1** A sheet has 34 star stickers. You add 25 more stickers. How many stickers are there?

ANSWER _____

- 2** Kai finds 71 shells. He gives 28 shells to a friend. How many shells does Kai have now?

ANSWER _____

- 3** A toy box has 42 blocks. Put 16 more blocks in the box. How many blocks are in the box?

ANSWER _____

- 4** There are 63 grapes in a bowl. Your family eats 21 grapes. How many grapes are left?

ANSWER _____

- 5** Nora has 57 beads. She gets 32 more beads. How many beads does Nora have?

ANSWER _____

APPLY IT Show your work

- 1** Lena packs 48 crayons for art club. Her teacher gives her 27 more crayons. How many crayons does Lena have?

WORK SPACE

ANSWER _____

- 2** At recess, Diego has 86 trading cards. He gives 34 cards to friends. How many cards does Diego have now?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

Ava has 68 toy animals. She wants to have 95 toy animals. How many more toy animals does she need? Show how addition or subtraction helps you.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A sheet has 34 star stickers. You add 25 more stickers. How many stickers are there?	59 stickers
2	Kai finds 71 shells. He gives 28 shells to a friend. How many shells does Kai have now?	43 shells
3	A toy box has 42 blocks. Put 16 more blocks in the box. How many blocks are in the box?	58 blocks
4	There are 63 grapes in a bowl. Your family eats 21 grapes. How many grapes are left?	42 grapes
5	Nora has 57 beads. She gets 32 more beads. How many beads does Nora have?	89 beads

PART 2 • APPLY IT

1. **75 crayons** Add 48 and 27. The sum is 75.
2. **52 cards** Subtract 34 from 86. The difference is 52.

CHALLENGE

27 toy animals. $68 + 27 = 95$.

Accept correct tens-and-ones work, counting on, or counting back. For the challenge, accept 27 with a matching equation such as $68 + 27 = 95$ or $95 - 68 = 27$.