LESSON MAKER PRO

Tens and Ones

Use place value to add and subtract within 100.

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 _____

USE TENS AND ONES

Break two-digit numbers into tens and ones. Add or subtract the tens, then add or subtract the ones. You can also use addition to check a subtraction answer.

WORKED EXAMPLE

Ava has 54 beads. She gets 32 more beads. How many beads does Ava have now?

1. 54 = 50 + 4 and 32 = 30 + 2.
2. Add the tens: 50 + 30 = 80.
3. Add the ones: 4 + 2 = 6.
4. Put the parts together: 80 + 6 = 86.

Answer: 86 beads

PRACTICE 5 problems

1 Jae has 38 marbles. He finds 21 more marbles. How many marbles does Jae have now?

ANSWER _____

2 Luz has 74 trading cards. She gives 32 cards to her cousin. How many cards does Luz have left?

ANSWER _____

3 One box has 17 toy cars. There are 50 toy cars in two boxes altogether. How many toy cars are in the other box?

ANSWER _____

4 Mina has 63 stickers. She gives 20 stickers to a friend. How many stickers does Mina have left?

ANSWER _____

5 A pet shop has 27 fish in one tank and 41 fish in another tank. How many fish are in the two tanks?

ANSWER _____

APPLY IT Show your work

1 At recess, 57 children are on the playground. Then 22 more children come outside. How many children are on the playground now?

WORK SPACE

ANSWER _____

2 Noah has 83 game tickets. He uses 31 tickets for a small prize. How many tickets does Noah have left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A video game starts with 96 points. You spend 48 points. How many points are left? Write one sentence to explain how you solved it.

WORK SPACE AND ANSWER

ANSWER KEY

Tens and Ones

GRADE 2 · 2.CE.1.b

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Jae has 38 marbles. He finds 21 more marbles. How many marbles does Jae have now?	**59 marbles**
2	Luz has 74 trading cards. She gives 32 cards to her cousin. How many cards does Luz have left?	**42 cards**
3	One box has 17 toy cars. There are 50 toy cars in two boxes altogether. How many toy cars are in the other box?	**33 toy cars**
4	Mina has 63 stickers. She gives 20 stickers to a friend. How many stickers does Mina have left?	**43 stickers**
5	A pet shop has 27 fish in one tank and 41 fish in another tank. How many fish are in the two tanks?	**68 fish**

PART 2 · APPLY IT

1. **79 children** Add the children who were already outside and the children who came outside: 57 + 22 = 79.
2. **52 tickets** Subtract the tickets Noah used from the tickets he had: 83 - 31 = 52.

CHALLENGE

96 - 48 = 48 because I traded 1 ten for 10 ones, then subtracted 4 tens and 8 ones.

Accept correct answers with or without unit words. For the challenge, accept any accurate explanation that shows regrouping or breaking apart tens and ones.