LESSON MAKER PRO

Tens and Ones

Use place value to explain your math.

GRADE 2 · 2.NBT.B.9

CCSS.Math.Content.2.NBT.B.9 "Explain why addition and subtraction strategies work, using place value and the properties of operations. 1"

NAME _____ DATE _____

TENS AND ONES

Break each number into tens and ones. Add or subtract the tens and ones, then put the parts back together.

WORKED EXAMPLE

A shelf has 34 puzzles. Add 25 more puzzles. How many puzzles are there?

1. 30 + 20 = 50
2. 4 + 5 = 9
3. 50 + 9 = 59

Answer: 59 puzzles

PRACTICE 4 problems

1 Lena has 42 beads. She gets 16 more. How many beads? Show tens and ones.

ANSWER _____

2 A pet shop has 63 fish. It sells 21 fish. How many fish are left? Show tens and ones.

ANSWER _____

3 Diego has 27 game cards. He gets 31 more. How many cards? Show tens and ones.

ANSWER _____

4 A dog has 75 treats. It eats 24 treats. How many treats are left? Show tens and ones.

ANSWER _____

APPLY IT Show your work

1 Riley collects 54 shiny rocks and finds 32 more. How many rocks does Riley have? Explain with tens and ones.

WORK SPACE

ANSWER _____

2 An animal shelter has 93 cat-food cans. It gives 41 cans to foster homes. How many cans are left? Explain with tens and ones.

WORK SPACE

ANSWER _____

CHALLENGE One step up

Milo has 46 trading cards and gets 28 more. How many cards does he have? Explain why 6 ones + 8 ones make a new ten.

WORK SPACE AND ANSWER

ANSWER KEY

Tens and Ones

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Lena has 42 beads. She gets 16 more. How many beads? Show tens and ones.	**58 beads. 4 tens + 1 ten = 5 tens, and 2 ones + 6 ones = 8 ones.**
2	A pet shop has 63 fish. It sells 21 fish. How many fish are left? Show tens and ones.	**42 fish. 6 tens - 2 tens = 4 tens, and 3 ones - 1 one = 2 ones.**
3	Diego has 27 game cards. He gets 31 more. How many cards? Show tens and ones.	**58 cards. 2 tens + 3 tens = 5 tens, and 7 ones + 1 one = 8 ones.**
4	A dog has 75 treats. It eats 24 treats. How many treats are left? Show tens and ones.	**51 treats. 7 tens - 2 tens = 5 tens, and 5 ones - 4 ones = 1 one.**

PART 2 · APPLY IT

1. **86 rocks** 5 tens + 3 tens = 8 tens, and 4 ones + 2 ones = 6 ones.
2. **52 cans** 9 tens - 4 tens = 5 tens, and 3 ones - 1 one = 2 ones.

CHALLENGE

74 cards. 6 ones + 8 ones = 14 ones, or 1 ten and 4 ones. 4 tens + 2 tens + 1 new ten = 7 tens.

Accept drawings, equations, or words that correctly show tens and ones. For the challenge, accept any explanation that trades 10 ones for 1 ten.