LESSON MAKER PRO

Tens and Ones

Split numbers into parts to add and subtract.

GRADE 2 · 2.NR.2.3

2.NR.2.3 "Solve problems involving the addition and subtraction of two-digit numbers using part-whole strategies."

NAME _____ DATE _____

USE PARTS

Break each two-digit number into tens and ones. Add or subtract the tens, then add or subtract the ones. Put the parts together to find the total or what is left.

WORKED EXAMPLE

Lina has 47 beads. She gets 32 more beads. How many beads does she have now?

1. Split 47 and 32 into 40 + 7 and 30 + 2.
2. Add tens: 40 + 30 = 70.
3. Add ones: 7 + 2 = 9.
4. Put the parts together: 70 + 9 = 79.

Answer: 79 beads

PRACTICE 5 problems

1 Noah has 24 stickers. He gets 31 more stickers. How many stickers does he have now?

ANSWER _____

2 A squirrel has 68 acorns. It gives away 25 acorns. How many acorns are left?

ANSWER _____

3 Ava has 53 blocks. She gets 14 more blocks. How many blocks does she have now?

ANSWER _____

4 Ben has 76 fish crackers. He eats 32 fish crackers. How many fish crackers are left?

ANSWER _____

5 A toy box has 45 toy cars. Sam puts in 23 more toy cars. How many toy cars are in the box now?

ANSWER _____

APPLY IT Show your work

1 At soccer practice, there are 36 cones. The coach brings 27 more cones. How many cones are there now?

WORK SPACE

ANSWER _____

2 At a pet shelter, 72 kittens are waiting for homes. Then 18 kittens are adopted. How many kittens are left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A game shelf has 84 cards. Then 36 cards are checked out. How many cards are left? Show how you split 36 into parts to subtract.

WORK SPACE AND ANSWER

ANSWER KEY

Tens and Ones

GRADE 2 · 2.NR.2.3

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Noah has 24 stickers. He gets 31 more stickers. How many stickers does he have now?	**55 stickers**
2	A squirrel has 68 acorns. It gives away 25 acorns. How many acorns are left?	**43 acorns**
3	Ava has 53 blocks. She gets 14 more blocks. How many blocks does she have now?	**67 blocks**
4	Ben has 76 fish crackers. He eats 32 fish crackers. How many fish crackers are left?	**44 fish crackers**
5	A toy box has 45 toy cars. Sam puts in 23 more toy cars. How many toy cars are in the box now?	**68 toy cars**

PART 2 · APPLY IT

1. **63 cones** Split 36 into 30 and 6, and split 27 into 20 and 7. Add 30 + 20 and 6 + 7, then combine 50 + 13.
2. **54 kittens** Split 18 into 10 and 8. Subtract 10 from 72, then subtract 8 from 62.

CHALLENGE

48 cards

Accept part-whole work that correctly splits numbers into tens and ones or other helpful parts. For the challenge, accept any clear explanation that shows 84 - 36 = 48.