LESSON MAKER PRO

Count the Changes

Add and subtract with tens and ones

GRADE 2 · 2.N.2.5

2.N.2.5 "Solve addition and subtraction problems involving whole numbers up to two digits."

NAME _____ DATE _____

TRADE WHEN YOU NEED TO

To add or subtract, start with the ones. When adding, you can trade 10 ones for 1 ten. When subtracting, you can trade 1 ten for 10 ones.

WORKED EXAMPLE

Sam has 27 stickers. He gets 15 more. How many stickers does he have now?

1. 7 ones + 5 ones = 12 ones.
2. Trade 10 ones for 1 ten. Keep 2 ones.
3. 2 tens + 1 ten + 1 new ten = 4 tens.

Answer: 42 stickers

PRACTICE 5 problems

1 Ava has 18 toy cars. She gets 6 more. How many toy cars does she have now?

ANSWER _____

2 There are 52 grapes in a bowl. You eat 8. How many grapes are left?

ANSWER _____

3 Ben has 34 blocks. He adds 23 blocks. How many blocks does he have now?

ANSWER _____

4 A pet shop has 63 fish. It sells 27 fish. How many fish are left?

ANSWER _____

5 There are 76 pencils in a box. The class takes 31 pencils. How many are left?

ANSWER _____

APPLY IT Show your work

1 A class has 25 crayons. A friend brings 18 more crayons. How many crayons are there now?

WORK SPACE

ANSWER _____

2 There are 81 cupcakes at a bake sale. The class sells 36. How many cupcakes are left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Mia has 46 beads. She gets 28 more beads. How many beads does she have now? Tell how you used tens and ones.

WORK SPACE AND ANSWER

ANSWER KEY

Count the Changes

GRADE 2 · 2.N.2.5

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Ava has 18 toy cars. She gets 6 more. How many toy cars does she have now?	**24 toy cars**
2	There are 52 grapes in a bowl. You eat 8. How many grapes are left?	**44 grapes**
3	Ben has 34 blocks. He adds 23 blocks. How many blocks does he have now?	**57 blocks**
4	A pet shop has 63 fish. It sells 27 fish. How many fish are left?	**36 fish**
5	There are 76 pencils in a box. The class takes 31 pencils. How many are left?	**45 pencils**

PART 2 · APPLY IT

1. **43 crayons** Add 25 + 18. Trade 10 of the 13 ones for 1 ten to get 43.
2. **45 cupcakes** Subtract 81 - 36. Trade 1 ten for 10 ones, then subtract to get 45.

CHALLENGE

Mia has 74 beads. I made 14 ones, traded 10 ones for 1 ten, and counted 7 tens and 4 ones.

Accept a correct number without a unit in the practice problems. For the challenge, accept any clear explanation that shows 46 + 28 = 74 using tens and ones.