LESSON MAKER PRO

Regroup and Solve

Add and subtract within 1,000.

GRADE 3 · 3.NBT.A

CCSS.Math.Content.3.NBT.A "Use place value understanding and properties of operations to perform multi-digit arithmetic. A range of algorithms may be used."

NAME _____ DATE _____

USE PLACE VALUE

Line up digits by hundreds, tens, and ones before you add or subtract. When a column has 10 or more, regroup to the next place. When you need more to subtract, trade 1 from the place to the left.

WORKED EXAMPLE

Find 368 + 247.

1. Add the ones: 8 + 7 = 15. Write 5 ones and regroup 1 ten.
2. Add the tens: 6 + 4 + 1 = 11. Write 1 ten and regroup 1 hundred.
3. Add the hundreds: 3 + 2 + 1 = 6.

Answer: 615

PRACTICE 6 problems

1 Find 426 + 153.

ANSWER _____

2 Find 702 - 268.

ANSWER _____

3 Find 189 + 376.

ANSWER _____

4 Find 640 - 275.

ANSWER _____

5 Find 458 + 129.

ANSWER _____

6 Find 900 - 456.

ANSWER _____

APPLY IT Show your work

1 The school library has 348 graphic novels on one shelf and 276 graphic novels on another shelf. How many graphic novels are on the two shelves altogether?

WORK SPACE

ANSWER _____

2 At a game booth, Noah has 750 tickets. He trades 286 tickets for a remote-control car. How many tickets does Noah have left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Ava collected 275 stickers, Ben collected 168 stickers, and Carmen collected 349 stickers. How many stickers did they collect altogether? Explain one way you regrouped.

WORK SPACE AND ANSWER

ANSWER KEY

Regroup and Solve

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Find 426 + 153.	**579**
2	Find 702 - 268.	**434**
3	Find 189 + 376.	**565**
4	Find 640 - 275.	**365**
5	Find 458 + 129.	**587**
6	Find 900 - 456.	**444**

PART 2 · APPLY IT

1. **624 graphic novels** Add 348 and 276. The total is 624 graphic novels.
2. **464 tickets** Subtract 286 from 750. Noah has 464 tickets left.

CHALLENGE

792 stickers. One way is to add 275 + 168 = 443, then add 443 + 349 = 792. In the second sum, 3 ones + 9 ones makes 12 ones, so regroup 1 ten.

Accept correct answers shown with a standard algorithm, expanded form, partial sums, or another accurate place-value strategy. For the challenge, accept any accurate regrouping explanation.