LESSON MAKER PRO

Regroup and Solve

Add and subtract whole numbers through 10,000.

GRADE 4 · 4.CE.1.c

4.CE.1.c "Apply strategies (e.g., place value, properties of addition, other number relationships) and algorithms, including the standard algorithm, to determine the sum or difference of two whole numbers..."

NAME _____ DATE _____

LINE UP PLACE VALUES

Write numbers so ones, tens, hundreds, and thousands are in the same columns. Add or subtract from right to left. When a column has too many or too few, regroup with the next place value.

WORKED EXAMPLE

4,738 + 2,586

1. Ones: 8 + 6 = 14. Write 4 ones and regroup 1 ten.
2. Tens: 3 + 8 + 1 = 12. Write 2 tens and regroup 1 hundred.
3. Hundreds: 7 + 5 + 1 = 13. Write 3 hundreds and regroup 1 thousand.
4. Thousands: 4 + 2 + 1 = 7. The sum is 7,324.

Answer: 7,324

PRACTICE 6 problems

1 3,476 + 2,153 = ___

ANSWER _____

2 6,204 + 1,789 = ___

ANSWER _____

3 8,630 - 2,415 = ___

ANSWER _____

4 9,002 - 3,648 = ___

ANSWER _____

5 4,590 + 3,725 = ___

ANSWER _____

6 7,100 - 2,867 = ___

ANSWER _____

APPLY IT Show your work

1 The library had 3,845 graphic novels. It received 2,676 more graphic novels. How many graphic novels does the library have now?

WORK SPACE

ANSWER _____

2 A game club collected 9,240 prize tickets. Members traded in 4,587 tickets for prizes. How many prize tickets were left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A robotics team earned 8,004 points and used 2,768 points to buy parts. Find the difference. Then explain where you regrouped.

WORK SPACE AND ANSWER

ANSWER KEY

Regroup and Solve

GRADE 4 · 4.CE.1.c

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	3,476 + 2,153 = ___	**5,629**
2	6,204 + 1,789 = ___	**7,993**
3	8,630 - 2,415 = ___	**6,215**
4	9,002 - 3,648 = ___	**5,354**
5	4,590 + 3,725 = ___	**8,315**
6	7,100 - 2,867 = ___	**4,233**

PART 2 · APPLY IT

1. **6,521 graphic novels** Add 3,845 and 2,676. The library has 6,521 graphic novels.
2. **4,653 prize tickets** Subtract 4,587 from 9,240. There are 4,653 prize tickets left.

CHALLENGE

5,236; Regroup 1 thousand as 10 hundreds, then regroup 1 hundred as 10 tens, and regroup 1 ten as 10 ones.

Accept correct answers shown with or without commas. For the challenge, accept any clear explanation that shows regrouping across the zeros before subtracting.