LESSON MAKER PRO

Place Value Power

Add and subtract large numbers with care.

GRADE 4 · 4.NR.2.1

4.NR.2.1 "Fluently add and subtract multi-digit numbers to solve practical, mathematical problems using place value understanding, properties of operations, and relationships between operations."

NAME _____ DATE _____

LINE UP PLACE VALUES

Write numbers so ones, tens, hundreds, and thousands are lined up. Add or subtract from right to left, and regroup when you need to. Check whether your answer makes sense by estimating.

WORKED EXAMPLE

4,728 + 3,596

1. Add ones: 8 + 6 = 14. Write 4 and regroup 1 ten.
2. Add tens: 2 + 9 + 1 = 12. Write 2 and regroup 1 hundred.
3. Add hundreds: 7 + 5 + 1 = 13. Write 3 and regroup 1 thousand.
4. Add thousands: 4 + 3 + 1 = 8.

Answer: 8,324

PRACTICE 6 problems

1 6,415 + 2,738 = ___

ANSWER _____

2 8,204 - 3,567 = ___

ANSWER _____

3 14,629 + 7,845 = ___

ANSWER _____

4 30,000 - 16,784 = ___

ANSWER _____

5 9,056 + 4,879 = ___

ANSWER _____

6 25,310 - 8,946 = ___

ANSWER _____

APPLY IT Show your work

1 At a city aquarium, 16,385 visitors came on Saturday and 9,746 visitors came on Sunday. How many visitors came during the two days?

WORK SPACE

ANSWER _____

2 Maya collected 12,675 game points. She used 4,928 points to unlock a new game level. How many points did she have left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A theater printed 45,000 tickets. It sold 18,764 tickets on Friday and 16,589 tickets on Saturday. How many tickets were still available?

WORK SPACE AND ANSWER

ANSWER KEY

Place Value Power

GRADE 4 · 4.NR.2.1

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	6,415 + 2,738 = ___	**9,153**
2	8,204 - 3,567 = ___	**4,637**
3	14,629 + 7,845 = ___	**22,474**
4	30,000 - 16,784 = ___	**13,216**
5	9,056 + 4,879 = ___	**13,935**
6	25,310 - 8,946 = ___	**16,364**

PART 2 · APPLY IT

1. **26,131 visitors** Add 16,385 and 9,746. The total number of visitors is 26,131.
2. **7,747 points** Subtract 4,928 from 12,675. Maya had 7,747 points left.

CHALLENGE

9,647 tickets

Accept correct answers shown with or without commas. Students may use any accurate standard algorithm, expanded form, or place value strategy.