LESSON MAKER PRO

Big Number Moves

Add and subtract using place value.

GRADE 3 · 3.N.2.3

3.N.2.3 "Use strategies and algorithms based on knowledge of place value and equality to fluently add and subtract up to five-digit numbers (answer not to exceed 100,000)."

NAME _____ DATE _____

LINE UP THE PLACES

Line up ones with ones, tens with tens, and so on. Work from right to left. Regroup when a place has too many or too few.

WORKED EXAMPLE

Find 27,486 + 15,237.

1. Ones: 6 + 7 = 13. Write 3 and carry 1 ten.
2. Tens: 8 + 3 + 1 = 12. Write 2 and carry 1 hundred.
3. Hundreds: 4 + 2 + 1 = 7. Thousands: 7 + 5 = 12. Write 2 and carry 1 ten-thousand.
4. Ten-thousands: 2 + 1 + 1 = 4.

Answer: 42,723

PRACTICE 6 problems

1 36,274 + 22,518 = ___

ANSWER _____

2 48,659 + 17,836 = ___

ANSWER _____

3 25,708 + 34,196 = ___

ANSWER _____

4 72,431 - 28,156 = ___

ANSWER _____

5 60,204 - 17,859 = ___

ANSWER _____

6 91,006 - 45,728 = ___

ANSWER _____

APPLY IT Show your work

1 Students read 18,475 pages in September and 23,689 pages in October. How many pages did they read in all?

WORK SPACE

ANSWER _____

2 At a weekend fair, 52,300 ride tickets were available. Visitors bought 27,846 tickets. How many tickets were left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

You earn 29,485 points on level 1 and 36,726 points on level 2 of a game. After level 3, you have 83,400 points in all. How many points did you earn on level 3? Write an equation to check your answer.

WORK SPACE AND ANSWER

ANSWER KEY

Big Number Moves

GRADE 3 · 3.N.2.3

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	36,274 + 22,518 = ___	**58,792**
2	48,659 + 17,836 = ___	**66,495**
3	25,708 + 34,196 = ___	**59,904**
4	72,431 - 28,156 = ___	**44,275**
5	60,204 - 17,859 = ___	**42,345**
6	91,006 - 45,728 = ___	**45,278**

PART 2 · APPLY IT

1. **42,164 pages** Add 18,475 + 23,689 = 42,164.
2. **24,454 tickets** Subtract 52,300 - 27,846 = 24,454.

CHALLENGE

17,189 points. Check: 29,485 + 36,726 + 17,189 = 83,400.

Accept any correct place-value strategy or standard algorithm. For the challenge, accept any correct addition or subtraction equation that checks 17,189.