LESSON MAKER PRO

Place Value Power

Add and subtract three-digit numbers using place value.

GRADE 3 · 3.NBT.2

3.NBT.2 "Fluently add and subtract within 1,000 using strategies and algorithms based on place value, properties of addition, and/or the relationship between addition and subtraction."

NAME _____ DATE _____

TRADE TO SUBTRACT

Work with hundreds, tens, and ones. If you do not have enough ones or tens to subtract, trade from the place to the left. You can check a subtraction answer by adding.

WORKED EXAMPLE

Find 602 - 275.

1. Trade 1 hundred for 10 tens. Then trade 1 ten for 10 ones. Now you have 5 hundreds, 9 tens, and 12 ones.
2. Subtract ones: 12 - 5 = 7.
3. Subtract tens: 9 - 7 = 2.
4. Subtract hundreds: 5 - 2 = 3.

Answer: 327

PRACTICE 6 problems

1 Find 236 + 185.

ANSWER _____

2 Find 478 + 136.

ANSWER _____

3 Find 359 + 274.

ANSWER _____

4 Find 704 - 258.

ANSWER _____

5 Find 900 - 463.

ANSWER _____

6 Find the missing number in 518 - ___ = 279. Write an addition equation to check it.

ANSWER _____

APPLY IT Show your work

1 At the school game fair, players earned 326 points in the first round and 245 points in the second round. How many points did they earn in all?

WORK SPACE

ANSWER _____

2 A class made 700 paper tickets for a school movie day. Students took 268 tickets. How many tickets were left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A class started game day with 825 tickets. Students used 286 tickets in the morning and 174 in the afternoon. How many tickets were left? Show both steps.

WORK SPACE AND ANSWER

ANSWER KEY

Place Value Power

GRADE 3 · 3.NBT.2

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Find 236 + 185.	**421**
2	Find 478 + 136.	**614**
3	Find 359 + 274.	**633**
4	Find 704 - 258.	**446**
5	Find 900 - 463.	**437**
6	Find the missing number in 518 - ___ = 279. Write an addition equation to check it.	**239; 279 + 239 = 518**

PART 2 · APPLY IT

1. **571 points** Add 326 + 245 = 571.
2. **432 tickets** Subtract 700 - 268 = 432.

CHALLENGE

286 + 174 = 460 tickets used. 825 - 460 = 365 tickets left.

Accept any correct place-value or written method. For the challenge, students may subtract the two amounts one at a time instead of adding them first.