LESSON MAKER PRO

Place Value Moves

Add and subtract within 1,000

GRADE 3 · 3.NBT.2

3.NBT.2 "Fluently add and subtract (including subtracting across zeros) within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction..."

NAME _____ DATE _____

TRADE TO SUBTRACT

Line up hundreds, tens, and ones when you add or subtract. If you need to subtract across a zero, trade 1 hundred for 10 tens, then trade 1 ten for 10 ones. You can check subtraction by adding the answer to the number you took away.

WORKED EXAMPLE

604 - 278 = ____

1. Trade 1 hundred for 10 tens. Now there are 5 hundreds, 10 tens, and 4 ones.
2. Trade 1 ten for 10 ones. Now there are 5 hundreds, 9 tens, and 14 ones.
3. Subtract by place: 14 - 8 = 6, 9 - 7 = 2, and 5 - 2 = 3.

Answer: 326

PRACTICE 6 problems

1 503 - 176 = ___

ANSWER _____

2 700 - 458 = ___

ANSWER _____

3 286 + 347 = ___

ANSWER _____

4 902 - 365 = ___

ANSWER _____

5 $800 - $476 = ___

ANSWER _____

6 438 + 259 = ___

ANSWER _____

APPLY IT Show your work

1 A class has 605 stickers. Students give 268 stickers to another class. How many stickers do they have left?

WORK SPACE

ANSWER _____

2 At a school fair, a class earns $735 selling crafts and $186 selling snacks. How much money does the class earn in all?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A game store has 800 trading cards. It sells 356 cards, then gets 179 more. How many cards does the store have now? Show both steps.

WORK SPACE AND ANSWER

ANSWER KEY

Place Value Moves

GRADE 3 · 3.NBT.2

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	503 - 176 = ___	**327**
2	700 - 458 = ___	**242**
3	286 + 347 = ___	**633**
4	902 - 365 = ___	**537**
5	$800 - $476 = ___	**$324**
6	438 + 259 = ___	**697**

PART 2 · APPLY IT

1. **337 stickers** Subtract 268 from 605 to get 337.
2. **$921** Add $735 and $186 to get $921.

CHALLENGE

800 - 356 = 444; 444 + 179 = 623 cards

Accept correct place-value strategies or standard algorithms. For the challenge, look for both the subtraction and the addition.