LESSON MAKER PRO

Toy Box Math

Add and subtract by place value.

GRADE 2 · 2.NBT.7b

2.NBT.7b "Add and subtract within 1,000, using concrete models or drawings and strategies based on place value, properties of addition, and/or the relationship between addition and subtraction: Understand that in adding or subtracting three-digit..."

NAME _____ DATE _____

MATCH THE PLACES

Add hundreds to hundreds, tens to tens, and ones to ones. When you subtract, subtract the same place-value parts. Put the parts together to find the answer.

WORKED EXAMPLE

One shelf has 234 blocks. Another shelf has 152 blocks. How many blocks are there in all?

1. Hundreds: 200 + 100 = 300
2. Tens: 30 + 50 = 80
3. Ones: 4 + 2 = 6
4. Put them together: 300 + 80 + 6 = 386

Answer: 386 blocks

PRACTICE 5 problems

1 There are 125 toy cars and 243 toy trains. How many toys are there in all?

ANSWER _____

2 A box has 674 crayons. Kids use 231 crayons. How many crayons are left?

ANSWER _____

3 A school has 312 red cups and 456 blue cups. How many cups are there in all?

ANSWER _____

4 Sam has 589 stickers. Sam gives away 264 stickers. How many stickers are left?

ANSWER _____

5 A game has 403 blue pieces and 162 red pieces. How many pieces are there in all?

ANSWER _____

APPLY IT Show your work

1 At a book fair, there are 216 comic books and 371 picture books. How many books are there in all?

WORK SPACE

ANSWER _____

2 A craft club has 748 beads. The kids use 315 beads. How many beads are left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A class has 356 stickers. They get 127 more stickers. Mia says they now have 473 stickers. Is Mia right? Explain using hundreds, tens, and ones.

WORK SPACE AND ANSWER

ANSWER KEY

Toy Box Math

GRADE 2 · 2.NBT.7b

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	There are 125 toy cars and 243 toy trains. How many toys are there in all?	**368 toys**
2	A box has 674 crayons. Kids use 231 crayons. How many crayons are left?	**443 crayons**
3	A school has 312 red cups and 456 blue cups. How many cups are there in all?	**768 cups**
4	Sam has 589 stickers. Sam gives away 264 stickers. How many stickers are left?	**325 stickers**
5	A game has 403 blue pieces and 162 red pieces. How many pieces are there in all?	**565 pieces**

PART 2 · APPLY IT

1. **587 books** Add 200 + 300, 10 + 70, and 6 + 1. Then add 500 + 80 + 7 to get 587.
2. **433 beads** Subtract 300 from 700, 10 from 40, and 5 from 8. Then add 400 + 30 + 3 to get 433.

CHALLENGE

No. The hundreds make 400, the tens make 70, and the ones make 13. Since 13 ones are 1 ten and 3 ones, the class has 483 stickers.

Accept answers without units when the number is correct. For the challenge, accept any clear place-value explanation that shows the total is 483, not 473.