LESSON MAKER PRO

Toy Shop Totals

Add and subtract by place value.

GRADE 2 · 2.NBT.B.12

2.NBT.B.12 "Add and subtract within 1000 using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method. a..."

NAME _____ DATE _____

TRADE WHEN YOU NEED TO

Work with hundreds, tens, and ones in their own places. When adding, trade 10 ones for 1 ten or 10 tens for 1 hundred. When subtracting, trade 1 ten for 10 ones or 1 hundred for 10 tens.

WORKED EXAMPLE

A class has 236 blue beads and 147 red beads. How many beads are there?

1. Ones: 6 + 7 = 13. Write 3 ones and carry 1 ten.
2. Tens: 3 + 4 + 1 = 8. Write 8 tens.
3. Hundreds: 2 + 1 = 3. Write 3 hundreds.

Answer: 383 beads

PRACTICE 5 problems

1 A toy shop has 324 toy cars and gets 215 more. How many toy cars does it have now?

ANSWER _____

2 Mia has 148 stickers and gets 236 more. How many stickers does she have now?

ANSWER _____

3 A shelf has 472 comic books. Kids borrow 158. How many comic books are left?

ANSWER _____

4 A box has 605 building blocks. Kids use 243. How many blocks are left?

ANSWER _____

5 A club has 367 game cards and gets 285 more. How many game cards does it have now?

ANSWER _____

APPLY IT Show your work

1 A school fair has 526 stickers. Kids take 187 stickers. How many stickers are left?

WORK SPACE

ANSWER _____

2 A school has 458 paper stars. Students make 276 more. How many paper stars does the school have now?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A game shop had 702 trading cards. It sold 468 cards. How many cards are left? Explain your trades.

WORK SPACE AND ANSWER

ANSWER KEY

Toy Shop Totals

GRADE 2 · 2.NBT.B.12

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A toy shop has 324 toy cars and gets 215 more. How many toy cars does it have now?	**539 toy cars**
2	Mia has 148 stickers and gets 236 more. How many stickers does she have now?	**384 stickers**
3	A shelf has 472 comic books. Kids borrow 158. How many comic books are left?	**314 comic books**
4	A box has 605 building blocks. Kids use 243. How many blocks are left?	**362 blocks**
5	A club has 367 game cards and gets 285 more. How many game cards does it have now?	**652 game cards**

PART 2 · APPLY IT

1. **339 stickers** Subtract 187 from 526. Trade in both the tens and ones places to get 339.
2. **734 paper stars** Add 458 and 276. Trade 10 ones for 1 ten, then 10 tens for 1 hundred to get 734.

CHALLENGE

234 cards. Trade 1 hundred for 10 tens, then 1 ten for 10 ones. Subtract using 6 hundreds, 9 tens, and 12 ones.

Accept place-value drawings, expanded form, or a written subtraction method that shows the trades. For the challenge, students should show how they traded through the zero tens.