

Regrouping Power

Add and subtract three-digit numbers with care.

GRADE 3 • 3.NBT.A.2

CCSS.Math.Content.3.NBT.A.2 "Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction."

NAME _____

DATE _____

LINE UP PLACE VALUES

Write numbers so the hundreds, tens, and ones are lined up.
When a place has 10 or more, regroup to the next place.
When you cannot subtract, trade 1 from the place to the left.

WORKED EXAMPLE

$$476 + 258$$

1. Ones: $6 + 8 = 14$. Write 4 ones and regroup 1 ten.
2. Tens: $7 + 5 + 1 = 13$. Write 3 tens and regroup 1 hundred.
3. Hundreds: $4 + 2 + 1 = 7$.
4. Read the sum as 734.

Answer: 734

PRACTICE 6 problems

1 $348 + 275 =$

ANSWER _____

2 $156 + 629 =$

ANSWER _____

3 $902 - 467 =$

ANSWER _____

4 $700 - 284 =$

ANSWER _____

5 $489 + 311 =$

ANSWER _____

6 $650 - 178 =$

ANSWER _____

APPLY IT Show your work

- 1** At a school book fair, Mia bought 365 stickers on Friday and 247 stickers on Saturday. How many stickers did she buy altogether?

WORK SPACE

ANSWER _____

- 2** A game store had 814 trading cards. It sold 356 cards. How many trading cards were left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

Find x : $684 - x = 297$. Explain how addition can help you find x .

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	$348 + 275 =$	623
2	$156 + 629 =$	785
3	$902 - 467 =$	435
4	$700 - 284 =$	416
5	$489 + 311 =$	800
6	$650 - 178 =$	472

PART 2 • APPLY IT

1. **612 stickers** Add 365 and 247. The total is 612 stickers.
2. **458 trading cards** Subtract 356 from 814. There were 458 trading cards left.

CHALLENGE

$x = 387$. Add $297 + 387 = 684$, so 387 is the number subtracted.

Accept correct answers shown with standard regrouping, expanded form, or a number line strategy. For the challenge, accept an explanation that uses the related addition equation $297 + x = 684$.