LESSON MAKER PRO

Number Journey

Model, write, and solve addition and subtraction problems to 1,000.

GRADE 3 · TEKS 3.5.A

3.5.A "represent one- and two-step problems involving addition and subtraction of whole numbers to 1,000 using pictorial models, number lines, and equations;"

NAME _____ DATE _____

SHOW EACH STEP

Break apart the number you add or subtract into hundreds, tens, and ones. Use a number line to show jumps, then write an equation to check your answer.

WORKED EXAMPLE

Use the number line and an equation to find 218 + 135.



1. Start at 218.
2. Jump forward 100 to 318.
3. Jump forward 30 to 348.
4. Jump forward 5 to 353.

Answer: 218 + 135 = 353

PRACTICE 6 problems

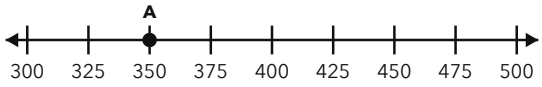
1 Find 456 + 123.

ANSWER _____

2 Find 700 - 268.

ANSWER _____

3 Start at A on the number line. Count forward 125. What number do you land on?



ANSWER _____

4 Write an equation, then solve: A store had 900 stickers. It sold 275 stickers, then sold 146 more stickers. How many stickers were left?

ANSWER _____

5 Find the missing number: ___ + 284 = 650

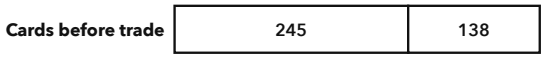
ANSWER _____

6 Write an equation, then solve: 215 + 168 - 90

ANSWER _____

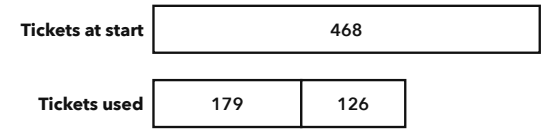
APPLY IT Show your work

1 Mia has 245 game cards. She earns 138 more cards, then trades away 96 cards. How many game cards does Mia have now? Use the tape to help write an equation.



ANSWER _____

2 At the school carnival, 468 tickets were ready at the prize booth. Students used 179 tickets in the morning and 126 tickets in the afternoon. How many tickets were left? Use the tape to help write an equation.



ANSWER _____

CHALLENGE One step up

A recycling club collected some cans. Then it collected 156 more cans and gave away 278 cans. The club had 463 cans left. How many cans did the club have at the start? Explain with an equation.

WORK SPACE AND ANSWER

ANSWER KEY

Number Journey

GRADE 3 · TEKS 3.5.A

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Find 456 + 123.	**579**
2	Find 700 - 268.	**432**
3	Start at A on the number line. Count forward 125. What number do you land on?	**475**
4	Write an equation, then solve: A store had 900 stickers. It sold 275 stickers, then sold 146 more stickers. How many stickers were left?	**900 - 275 - 146 = 479**
5	Find the missing number: ___ + 284 = 650	**366**
6	Write an equation, then solve: 215 + 168 - 90	**215 + 168 - 90 = 293**

PART 2 · APPLY IT

1. **287 game cards** Add 245 and 138 to get 383. Then subtract 96, so 383 - 96 = 287.
2. **163 tickets** Add the tickets used, 179 + 126 = 305. Subtract 305 from 468 to get 163.

CHALLENGE

585 cans; 585 + 156 - 278 = 463.

Accept equations with equivalent order of operations, such as adding the two amounts removed before subtracting. For the challenge, accept a correct reverse-operation equation that shows the starting amount is 585.