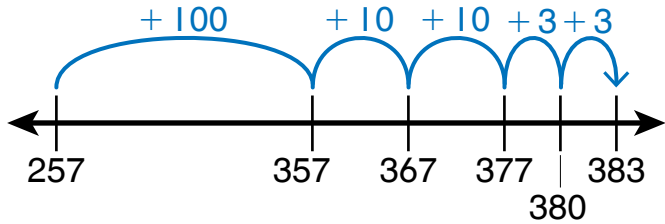


Lauren, Nate, and Josh use different ways to find  $257 + 126$ .

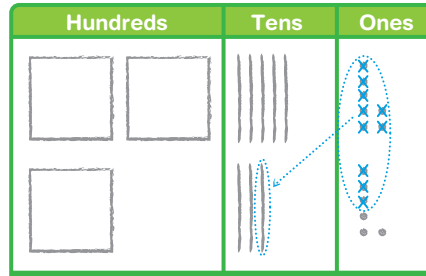
Lauren uses an open number line. She starts at 257 and mentally adds up the hundreds, the tens, and the ones.

### Lauren's Number Line



Nate draws place-value blocks. He regroups 10 ones as 1 ten.

### Nate's Place-Value Blocks



$$257 + 126 = 383$$

Josh uses place value to write the addends in a column. He regroups 10 ones as 1 ten.

### Josh's Addition

$$\begin{array}{r} 1 \\ 257 \\ + 126 \\ \hline 383 \end{array}$$



Why does each of these strategies work?

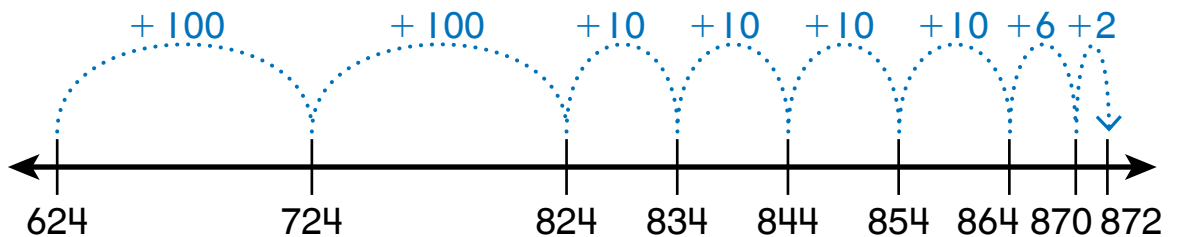
## Do You Understand?

**Show Me!** Choose a strategy shown above. Explain how it works.

## ★ Guided Practice ★

Choose any strategy to solve the problem. Show your work. Then explain your work.

1.  $624 + 248 = 872$



Start at 624. Add 2 hundreds. Then add 4 tens. Count on 6 to get to 870, then add 2 more to reach 872. The jumps add up to 248.

Name \_\_\_\_\_

**Independent Practice**

Choose any strategy to solve each addition problem.  
Show your work. Then explain.

2.  $212 + 487 =$  \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3.  $874 + 109 =$  \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4.  $419 + 532 =$  \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5.  $650 + 270 =$  \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



How many different ways can you use?

Solve each problem any way you choose.  
Show your work.

6. © **MP.2 Reasoning** Lee School needs 407 folders for its students. Jefferson School needs 321 folders for its students. How many folders do both schools need?

\_\_\_\_\_ folders

7. © **MP.2 Reasoning** There are 229 people at the football game. 108 more people arrive at the game. How many people are at the football game now?

\_\_\_\_\_ people

8. **Higher Order Thinking** Tommy found  $125 + 598$ . Since 598 is close to 600, he added  $125 + 600 = 725$ . Then he subtracted 2 to get 723.

Why did Tommy subtract 2? Explain.

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9. © **Assessment** There are 192 ants on an ant farm. 397 more ants join the ant farm. How many ants are on the ant farm now? Use the number line to solve. Explain.



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