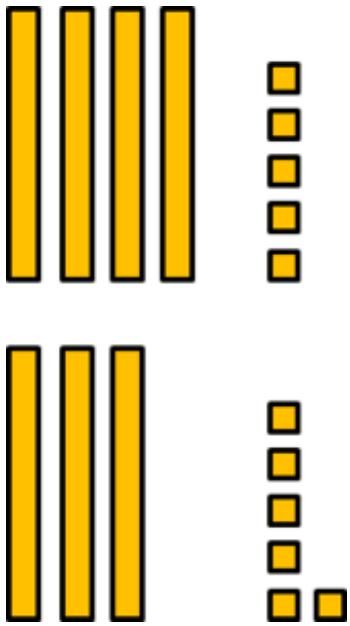
1.NBT Ford and Logan Add 45+36

Task

Actions

Part One: Solve the problem and explain your thinking.

45+36



Part Two: Ford and Logan each solved the problem using a different strategy.

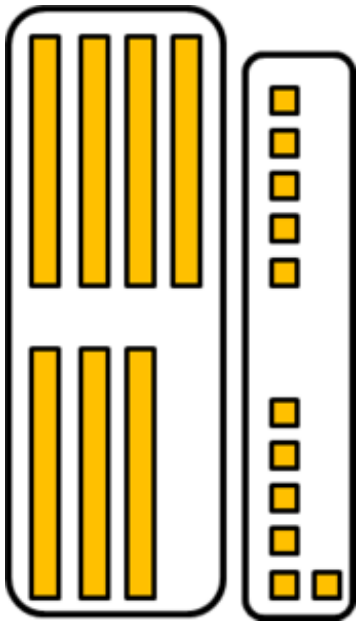
a. How did Ford solve the problem? Will his strategy always work?

b. How did Logan solve the problem? Will her strategy always work?

c. How are their strategies similar or different?

d. How was your strategy similar or different than Ford or Logan's?

Ford's thinking:

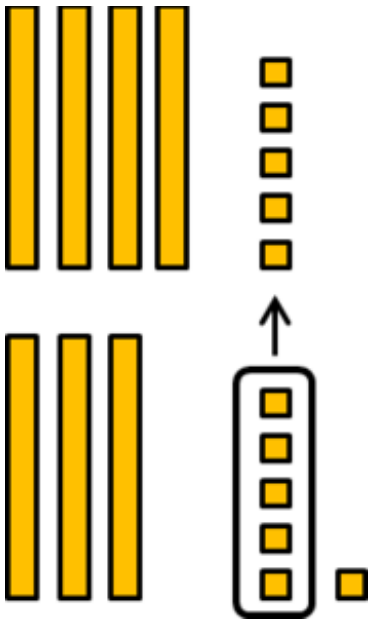


I Counted the tens first, so 10, 20, 30, 40, 50, 60, 70.

Then I counted the ones, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81.

So 45+36=81.

Logan's thinking:



First I broke 36 into 30+1+5.

Then I gave 5 from 36 to the 45 to make 50 because 50 is a friendly number.

Then I added 30+50 to make 80. Then I added 1 to 80 to get 81.

So 45+36=81.