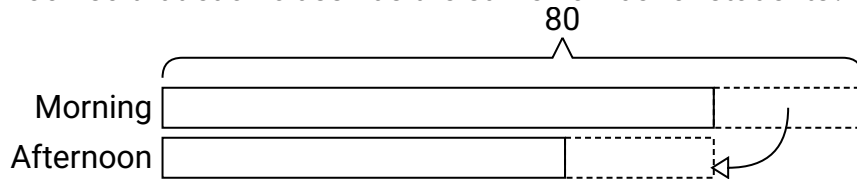


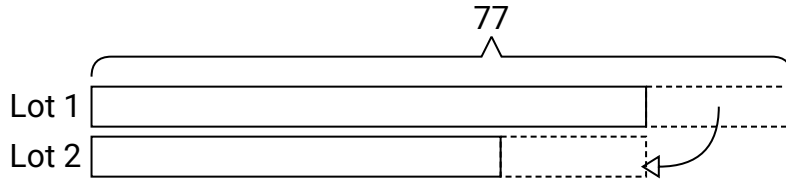


Solve each problem using a tape diagram.

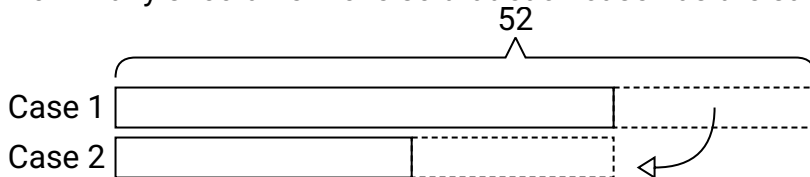
- Ex)** In high school 80 students signed up for the morning art class and 46 signed up for the afternoon class. How many students should be moved from the morning to afternoon so that each class has the same number of students?



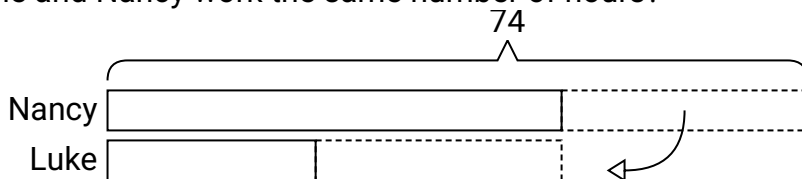
- 1)** A car salesman had 77 cars in one of his lots and 45 in another lot. He decided to move some cars from Lot 1 into Lot 2 so that Lot 2 looked fuller. How many cars should he move so that each lot has the same amount?



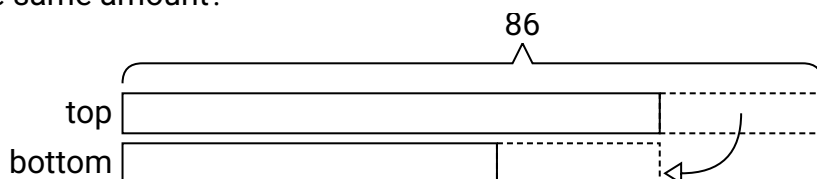
- 2)** Dave had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 52 collectibles and the other had 22. How many should he move so that each case has the same amount?



- 3)** A store had 2 employees scheduled for the week. Nancy was scheduled to work for 22 hours and Luke was scheduled for 74 hours. How fewer hours should Luke work so that he and Nancy work the same number of hours?



- 4)** There are 86 sodas on the top shelf and 46 sodas on the bottom shelf. How many sodas should be moved from the top shelf to the bottom shelf so that each shelf has the same amount?

**Answers**Ex. 17

1. _____

2. _____

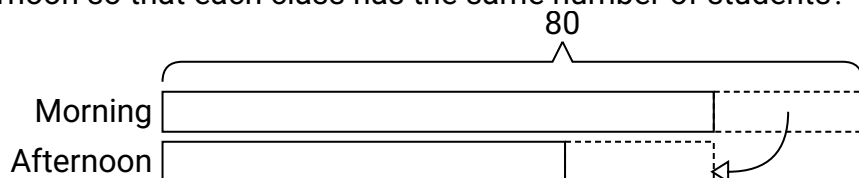
3. _____

4. _____

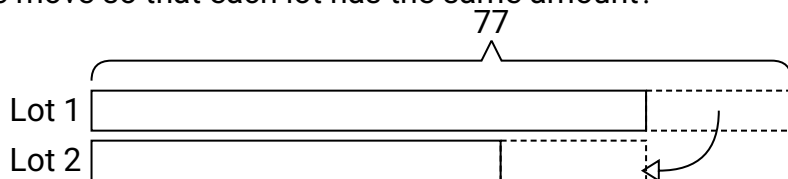


Solve each problem using a tape diagram.

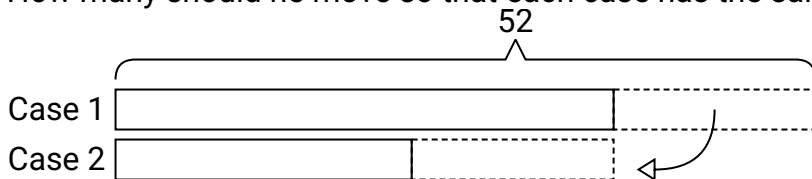
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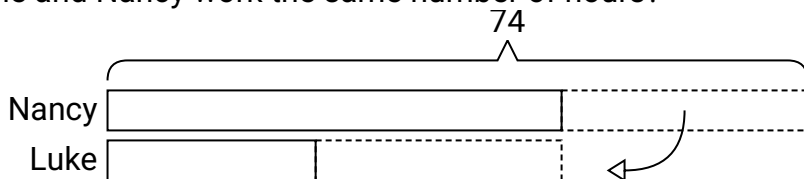
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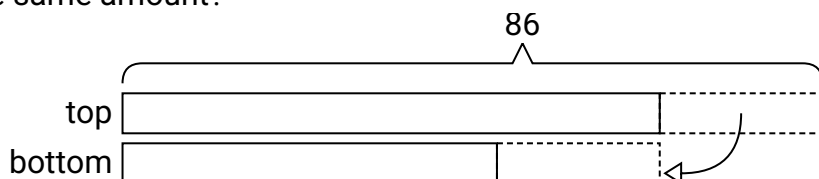
- 2) Dave had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 52 collectibles and the other had 22. How many should he move so that each case has the same amount?



- 3) A store had 2 employees scheduled for the week. Nancy was scheduled to work for 22 hours and Luke was scheduled for 74 hours. How fewer hours should Luke work so that he and Nancy work the same number of hours?



- 4) There are 86 sodas on the top shelf and 46 sodas on the bottom shelf. How many sodas should be moved from the top shelf to the bottom shelf so that each shelf has the same amount?

**Answers**Ex. 171. 162. 153. 264. 20