Solve each problem using a tape diagram.

1) A car salesman had 86 cars in one of his lots and 22 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) A store had 2 employees scheduled for the week. Vanessa was scheduled to work for 49 hours and Cody was scheduled for 91 hours. How fewer hours should Cody work so that he and Vanessa work the same number of hours?

3) Kaleb had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 96 collectibles and the other had 20. How many should he move so that each case has the same amount?

4) There are 82 sodas on the top shelf and 48 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?

5) A pet groomer has 97 customers scheduled for Monday and 43 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?
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