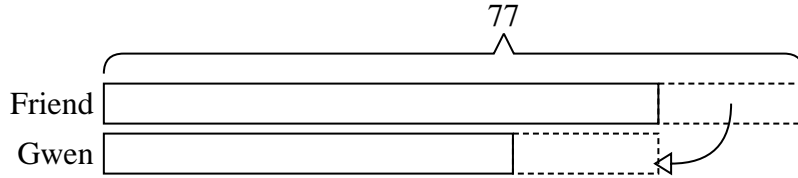




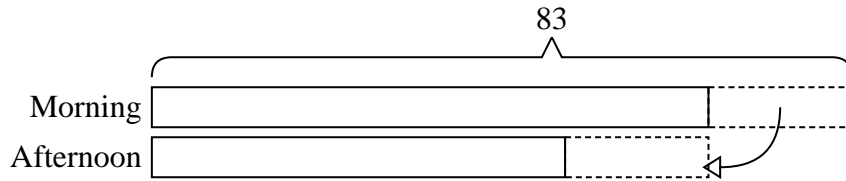


Solve each problem using a tape diagram.

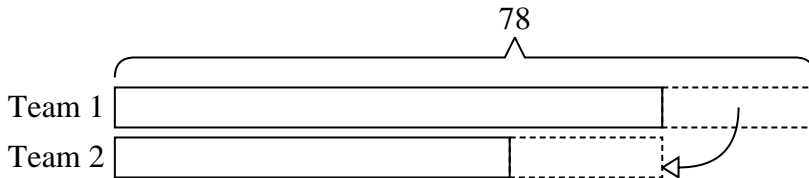
- 1) Gwen and her friend had two piles of candy. Gwen's pile had 45 pieces and her friend had 77 pieces. How many pieces would her friend have to give Gwen so that they both had the same amount?



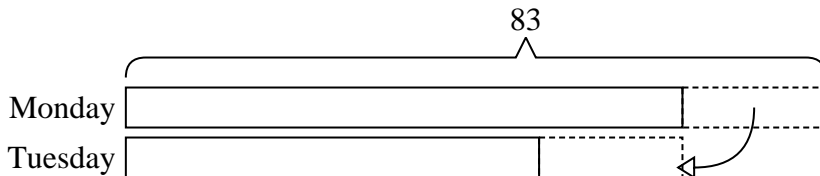
- 2) In high school 83 students signed up for the morning art class and 49 signed up for the afternoon class. How many students should be moved from the morning to afternoon so that each class has the same number of students?



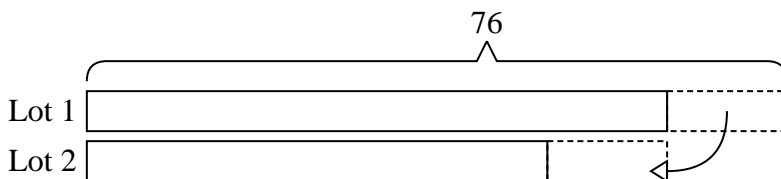
- 3) During gym class Team 1 had 78 students and Team 2 had 44 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?



- 4) A pet groomer has 83 customers scheduled for Monday and 49 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?



- 5) A car salesman had 76 cars in one of his lots and 50 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?

Answers

1. **16**
2. **17**
3. **17**
4. **17**
5. **13**