

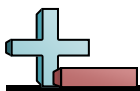


Solve each problem using a tape diagram.

Answers

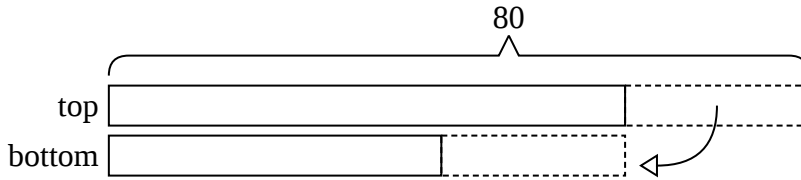
- 1) There are 80 sodas on the top shelf and 38 sodas on the bottom shelf. How many sodas should be moved from the top shelf to the bottom shelf so that each shelf has the same amount?
- 2) A store had 2 employees scheduled for the week. Rachel was scheduled to work for 50 hours and Henry was scheduled for 88 hours. How fewer hours should Henry work so that he and Rachel work the same number of hours?
- 3) A car salesman had 96 cars in one of his lots and 42 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?
- 4) During gym class Team 1 had 83 students and Team 2 had 23 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?
- 5) Billy had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 44 collectibles and the other had 20. How many should he move so that each case has the same amount?

1. _____
2. _____
3. _____
4. _____
5. _____

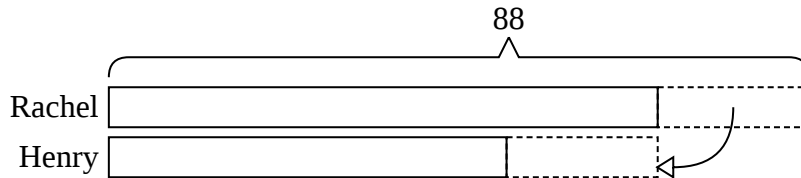


Solve each problem using a tape diagram.

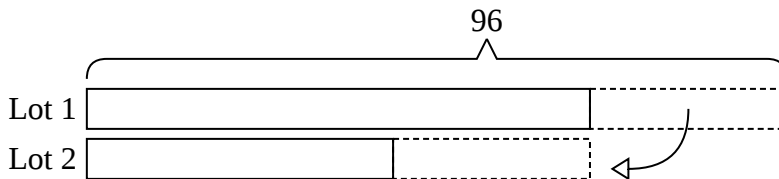
- 1) There are 80 sodas on the top shelf and 38 sodas on the bottom shelf. How many sodas should be moved from the top shelf to the bottom shelf so that each shelf has the same amount?



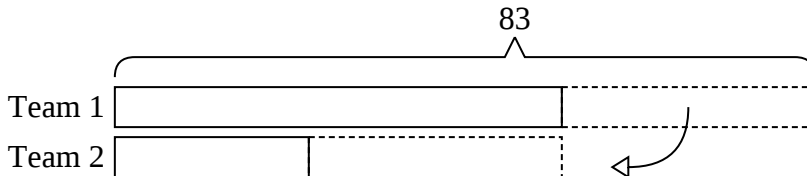
- 2) A store had 2 employees scheduled for the week. Rachel was scheduled to work for 50 hours and Henry was scheduled for 88 hours. How fewer hours should Henry work so that he and Rachel work the same number of hours?



- 3) A car salesman had 96 cars in one of his lots and 42 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?



- 4) During gym class Team 1 had 83 students and Team 2 had 23 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?



- 5) Billy had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 44 collectibles and the other had 20. How many should he move so that each case has the same amount?



Answers

1. **21**
2. **19**
3. **27**
4. **30**
5. **12**