Solve each problem using a tape diagram.

Ex) A car salesman had 84 cars in one of his lots and 20 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?

Ex. _____**32**_____

1. _____

2. _____

3. _____

1) During gym class Team 1 had 59 students and Team 2 had 39 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?

4. _____
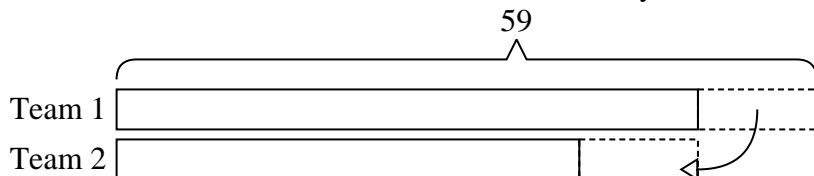
2) In high school 73 students signed up for the morning art class and 23 signed up for the afternoon class. How many students should be moved from the morning to afternoon so that each class has the same number of students?
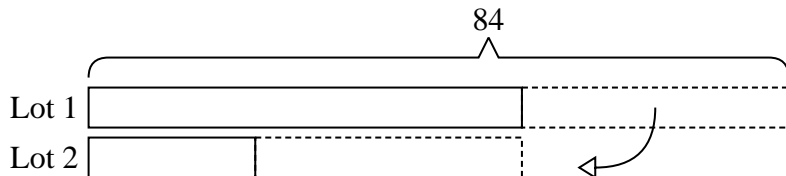
3) Oliver had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 79 collectibles and the other had 35. How many should he move so that each case has the same amount?

4) During gym class Team 1 had 57 students and Team 2 had 25 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?

Name:

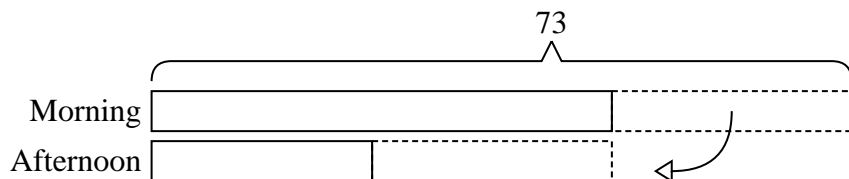**Solve each problem using a tape diagram.**

Answers

Ex) A car salesman had 84 cars in one of his lots and 20 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?

Ex. **32**

84

Lot 1

Lot 2

1) During gym class Team 1 had 59 students and Team 2 had 39 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?

1. **10**

59

Team 1

Team 2

2. **25**

3. **22**

2) In high school 73 students signed up for the morning art class and 23 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?

4. **16**

73

Morning

Afternoon

3) Oliver had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 79 collectibles and the other had 35. How many should he move so that each case has the same amount?

79

Case 1

Case 2

4) During gym class Team 1 had 57 students and Team 2 had 25 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?

57

Team 1

Team 2

Math

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1-4 | 75 | 50 | 25 | 0