Name:

Solve each problem using a tape diagram.

Ex) A car salesman had 76 cars in one of his lots and 40 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. _____**18**_____

1. _____

2. _____

3. _____

1) Maria and her friend had two piles of candy. Maria's pile had 34 pieces and her friend had 86 pieces. How many pieces would her friend have to give Maria so that they both had the same amount?

4. _____

2) 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?
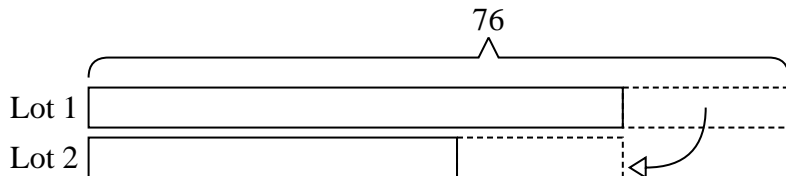
3) A pet groomer has 67 customers scheduled for Monday and 43 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?

4) In high school 86 students signed up for the morning art class and 40 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?
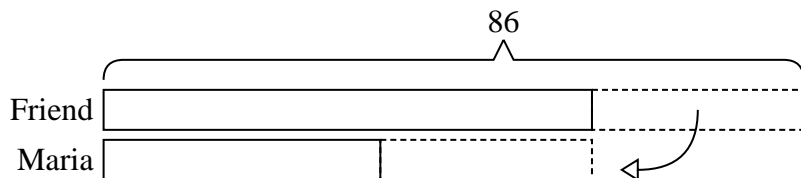
Name: **Answer Key**

Solve each problem using a tape diagram.
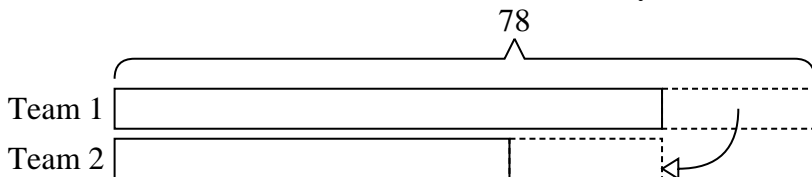
Answers

Ex) A car salesman had 76 cars in one of his lots and 40 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?
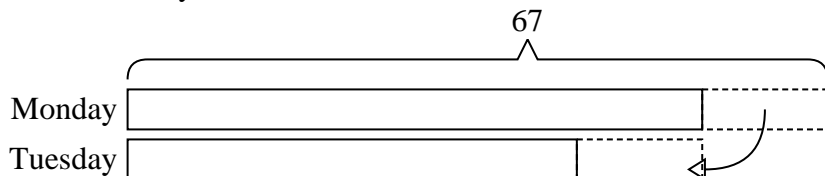
Ex. **18**

76

Lot 1

Lot 2

1) Maria and her friend had two piles of candy. Maria's pile had 34 pieces and her friend had 86 pieces. How many pieces would her friend have to give Maria so that they both had the same amount?
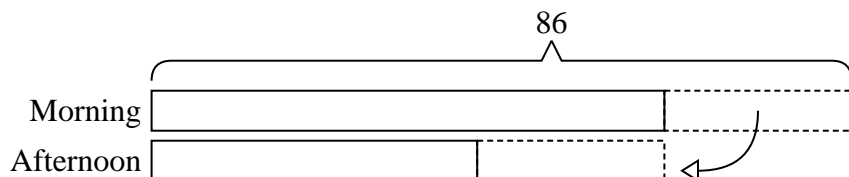
1. **26**

86

Friend

Maria

2. **17**

2) 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?

3. **12**

78

Team 1

Team 2

4. **23**

3) A pet groomer has 67 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?

67

Monday

Tuesday

4) In high school 86 students signed up for the morning art class and 40 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?

86

Morning

Afternoon

1-4 | 75 | 50 | 25 | 0