Name:

Solve each problem using a tape diagram.

Ex) During gym class Team 1 had 72 students and Team 2 had 36 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?

Answers

Ex. **18**

1) In high school 67 students signed up for the morning art class and 25 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?

1. _____

2. _____

3. _____

4. _____

2) Olivia and her friend had two piles of candy. Olivia's pile had 42 pieces and her friend had 90 pieces. How many pieces would her friend have to give Olivia so that they both had the same amount?
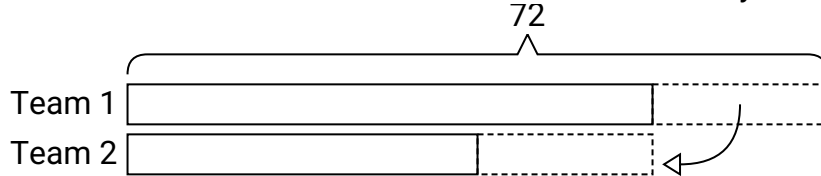
3) There are 60 sodas on the top shelf and 36 sodas on the bottom shelf. How many sodas should be moved from the top shelf to the bottom shelf so that each shelf has the same amount?

4) Oliver had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 95 collectibles and the other had 25. How many should he move so that each case has the same amount?
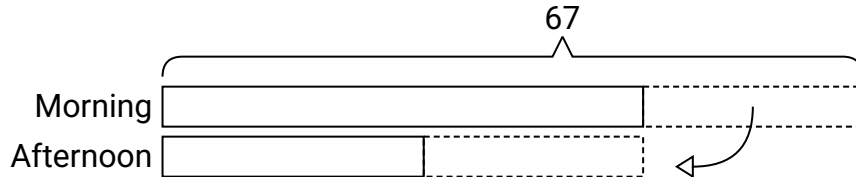
1-4 | 75 | 50 | 25 | 0

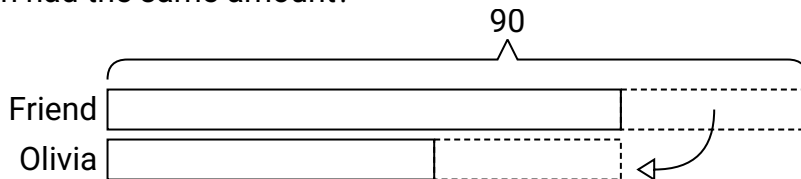**Solve each problem using a tape diagram.**

Answers

Ex) During gym class Team 1 had 72 students and Team 2 had 36 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?
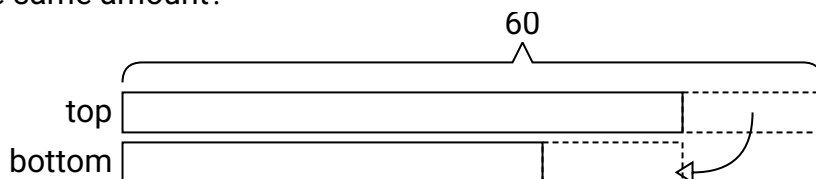
Ex. ___**18**___

72

Team 1

Team 2

1. ___**21**___

1) In high school 67 students signed up for the morning art class and 25 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?
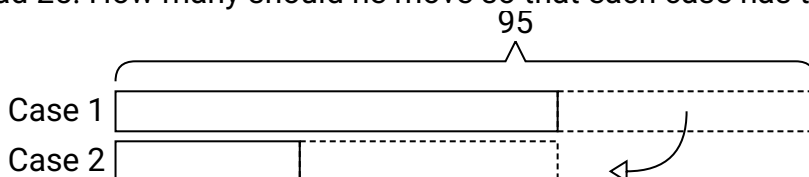
2. ___**24**___

67

Morning

Afternoon

3. ___**12**___

2) Olivia and her friend had two piles of candy. Olivia's pile had 42 pieces and her friend had 90 pieces. How many pieces would her friend have to give Olivia so that they both had the same amount?

4. ___**35**___

90

Friend

Olivia

3) There are 60 sodas on the top shelf and 36 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?

60

top

bottom

4) Oliver had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 95 collectibles and the other had 25. How many should he move so that each case has the same amount?

95

Case 1

Case 2

Math

1-4 | 75 | 50 | 25 | 0