Sharing With Tape Diagram

Name:

Solve each problem using a tape diagram.

Ex) During gym class Team 1 had 75 students and Team 2 had 47 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?

Ex. _____**14**_____

1. _____

2. _____

3. _____

1) A store had 2 employees scheduled for the week. Janet was scheduled to work for 42 hours and Mike was scheduled for 76 hours. How fewer hours should Mike work so that he and Janet work the same number of hours?

4. _____

2) Kaleb had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 51 collectibles and the other had 31. How many should he move so that each case has the same amount?

3) During gym class Team 1 had 87 students and Team 2 had 33 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?

4) In high school 90 students signed up for the morning art class and 24 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?
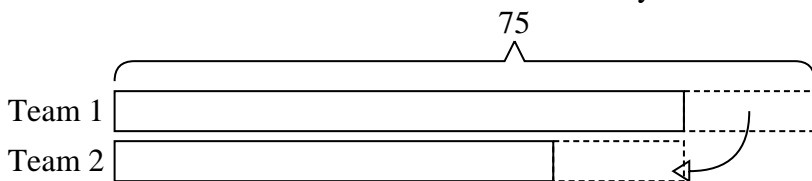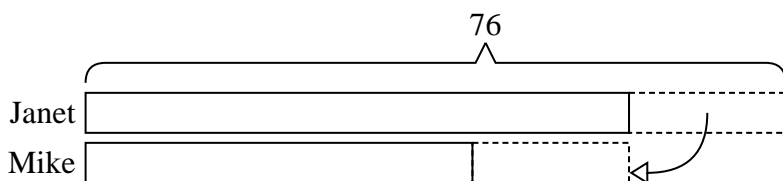
Name:

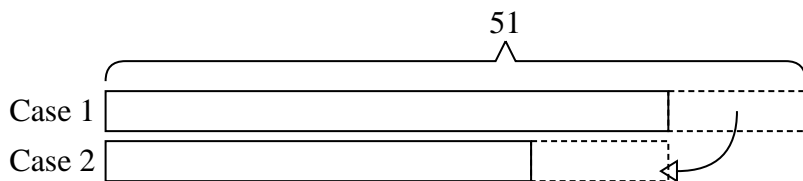**Solve each problem using a tape diagram.**

Answers

Ex) During gym class Team 1 had 75 students and Team 2 had 47 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?
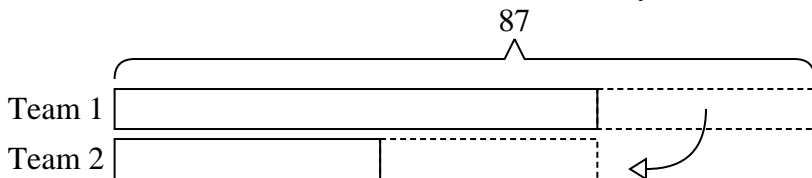
Ex. __**14**__

75

Team 1

Team 2

1. __**17**__

2. __**10**__

3. __**27**__

1) A store had 2 employees scheduled for the week. Janet was scheduled to work for 42 hours and Mike was scheduled for 76 hours. How fewer hours should Mike work so that he and Janet work the same number of hours?
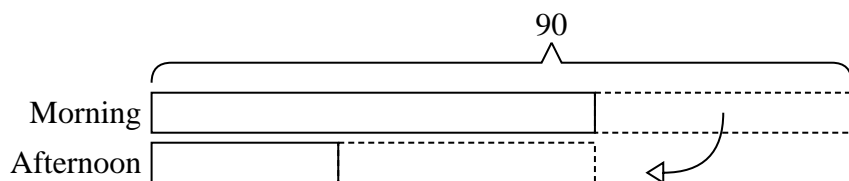
4. __**33**__

76

Janet

Mike

2) Kaleb had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 51 collectibles and the other had 31. How many should he move so that each case has the same amount?

51

Case 1

Case 2

3) During gym class Team 1 had 87 students and Team 2 had 33 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?

87

Team 1

Team 2

4) In high school 90 students signed up for the morning art class and 24 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?

90

Morning

Afternoon

1-4 | 75 | 50 | 25 | 0