Sharing With Tape Diagram

Name:

Solve each problem using a tape diagram.

Answers

Ex) Luke had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 67 collectibles and the other had 41. How many should he move so that each case has the same amount?

Ex. ___**13**___

1. _____

2. _____

3. _____

4. _____

1) In high school 88 students signed up for the morning art class and 30 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) During gym class Team 1 had 53 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?
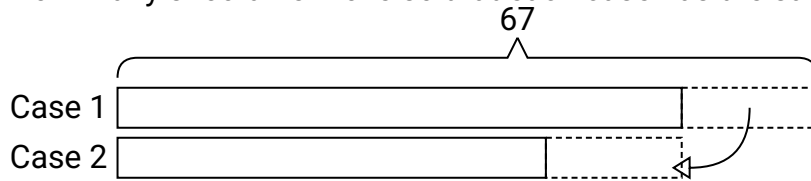
3) A pet groomer has 71 customers scheduled for Monday and 33 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?

4) Adam had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 67 collectibles and the other had 43. How many should he move so that each case has the same amount?
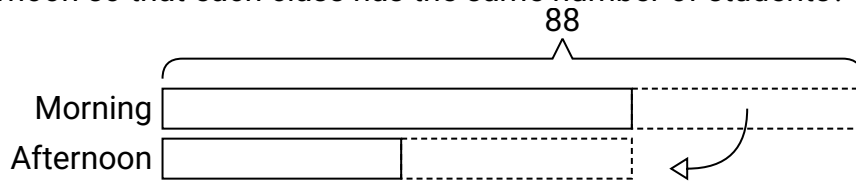
1-4 | 75 | 50 | 25 | 0

Math   www.CommonCoreSheets.com

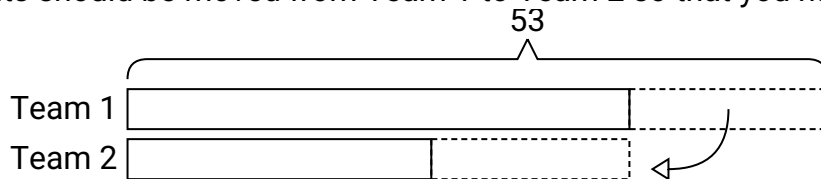**Answer Key**

Solve each problem using a tape diagram.

Ex) Luke had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 67 collectibles and the other had 41. How many should he move so that each case has the same amount?
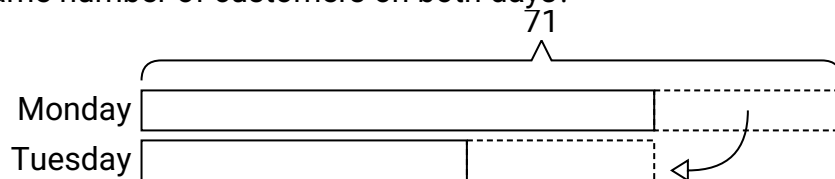
67

Case 1

Case 2

Ex. **13**

1) In high school 88 students signed up for the morning art class and 30 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?
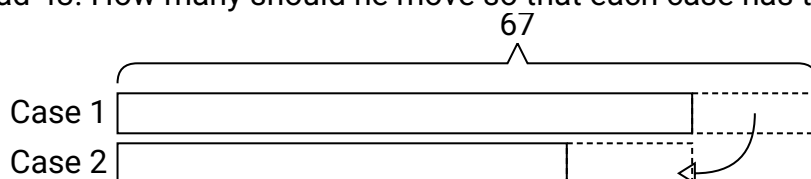
88

Morning

Afternoon

1. **29**

2) During gym class Team 1 had 53 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?

53

Team 1

Team 2

2. **15**

3) A pet groomer has 71 customers scheduled for Monday and 33 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?

71

Monday

Tuesday

3. **19**

4) Adam had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 67 collectibles and the other had 43. How many should he move so that each case has the same amount?

67

Case 1

Case 2

4. **12**