Sharing With Tape Diagram

Name:

Solve each problem using a tape diagram.

Ex) There are 61 sodas on the top shelf and 29 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?

1) Vanessa and her friend had two piles of candy. Vanessa's pile had 49 pieces and her friend had 75 pieces. How many pieces would her friend have to give Vanessa so that they both had the same amount?
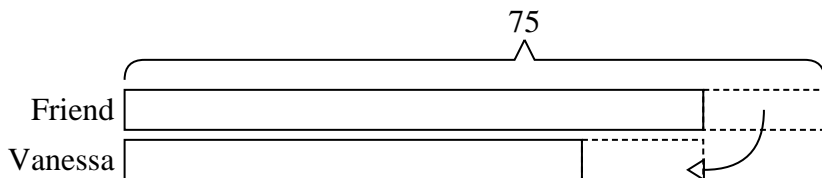
2) A pet groomer has 68 customers scheduled for Monday and 48 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?
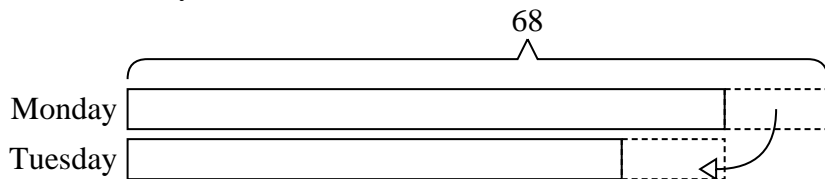
3) In high school 62 students signed up for the morning art class and 20 signed up for the afternoon class. How many students should be moved from the morning to afternoon so that each class has the same number of students?

4) Edward had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 70 collectibles and the other had 36. How many should he move so that each case has the same amount?

Answers

Ex. __**16**__

1. _____

2. _____

3. _____

4. _____

Math

Name:

Solve each problem using a tape diagram.

Ex) There are 61 sodas on the top shelf and 29 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?
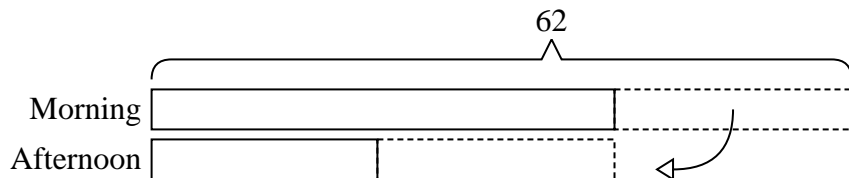
Ex. **16**

61

top

bottom

1. **13**

1) Vanessa and her friend had two piles of candy. Vanessa's pile had 49 pieces and her friend had 75 pieces. How many pieces would her friend have to give Vanessa so that they both had the same amount?
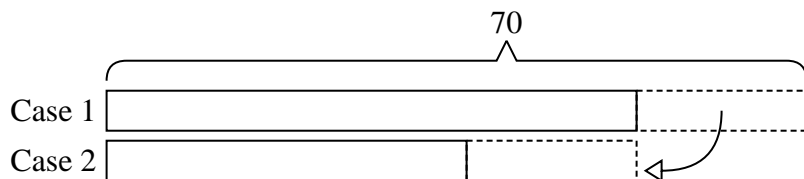
2. **10**

3. **21**

75

Friend

Vanessa

4. **17**

2) A pet groomer has 68 customers scheduled for Monday and 48 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?

68

Monday

Tuesday

3) In high school 62 students signed up for the morning art class and 20 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?

62

Morning

Afternoon

4) Edward had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 70 collectibles and the other had 36. How many should he move so that each case has the same amount?

70

Case 1

Case 2