Solve each problem using a tape diagram.

Ex) Gwen and her friend had two piles of candy. Gwen's pile had 48 pieces and her friend had 76 pieces. How many pieces would her friend have to give Gwen so that they both had the same amount?

Ex. _____**14**_____

1. _____

2. _____

3. _____

1) A store had 2 employees scheduled for the week. Vanessa was scheduled to work for 26 hours and Henry was scheduled for 50 hours. How fewer hours should Henry work so that he and Vanessa work the same number of hours?

4. _____

2) In high school 69 students signed up for the morning art class and 37 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?
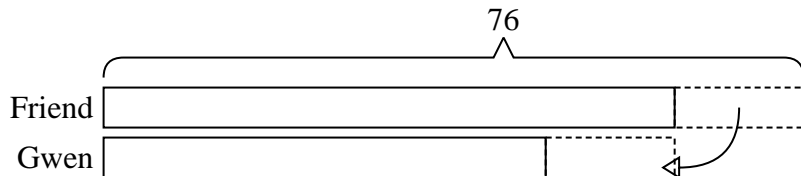
3) Ned had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 89 collectibles and the other had 49. How many should he move so that each case has the same amount?

4) A car salesman had 49 cars in one of his lots and 29 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?
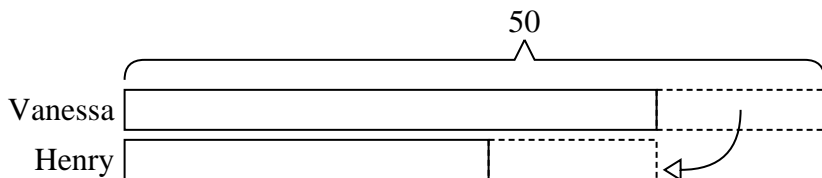
Name: **Answer Key**
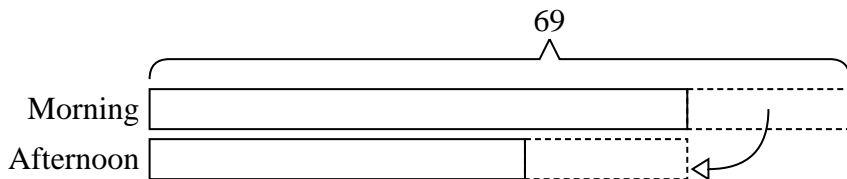
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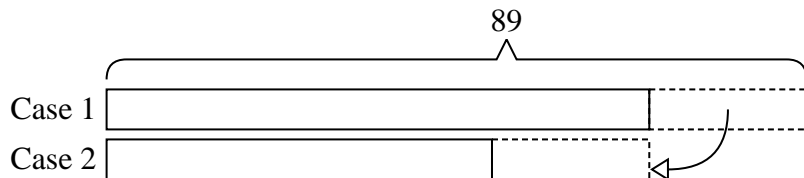
Ex.   **14**

76

Friend

Gwen

1.   **12**

1) A store had 2 employees scheduled for the week. Vanessa was scheduled to work for 26 hours and Henry was scheduled for 50 hours. How fewer hours should Henry work so that he and Vanessa work the same number of hours?
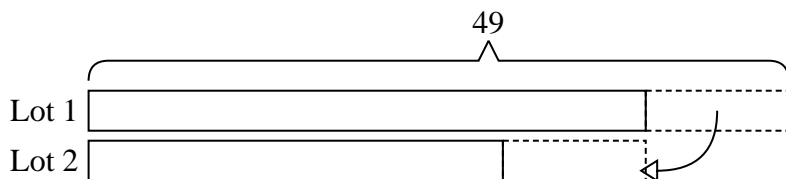
2.   **16**

50

Vanessa

Henry

3.   **20**

4.   **10**

2) In high school 69 students signed up for the morning art class and 37 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?

69

Morning

Afternoon

3) Ned had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 89 collectibles and the other had 49. How many should he move so that each case has the same amount?

89

Case 1

Case 2

4) A car salesman had 49 cars in one of his lots and 29 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?

49

Lot 1

Lot 2

Math

| 1-4 | 75 | 50 | 25 | 0 |