Name:

Solve each problem using a tape diagram.

Ex) Isabel and her friend had two piles of candy. Isabel's pile had 32 pieces and her friend had 68 pieces. How many pieces would her friend have to give Isabel so that they both had the same amount?

Ex. _____**18**_____

1. _____

2. _____

3. _____

1) A pet groomer has 99 customers scheduled for Monday and 35 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. _____

2) A store had 2 employees scheduled for the week. Bianca was scheduled to work for 34 hours and Victor was scheduled for 94 hours. How fewer hours should Victor work so that he and Bianca work the same number of hours?
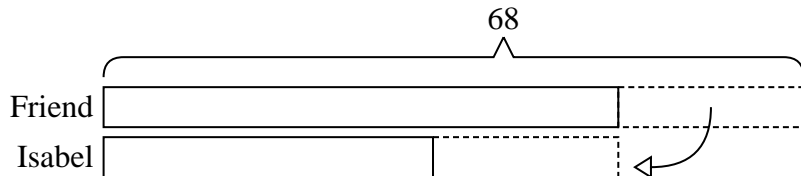
3) Dave had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 40 collectibles and the other had 20. How many should he move so that each case has the same amount?

4) A car salesman had 97 cars in one of his lots and 47 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?
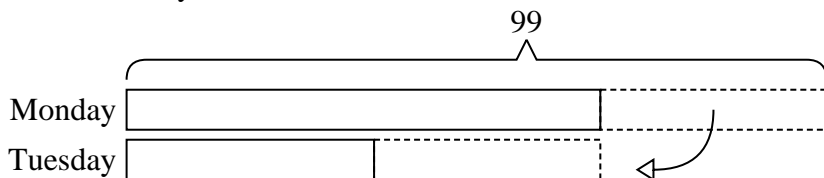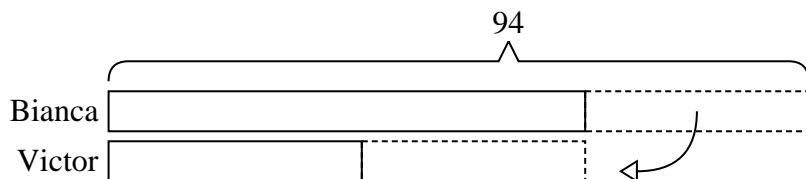
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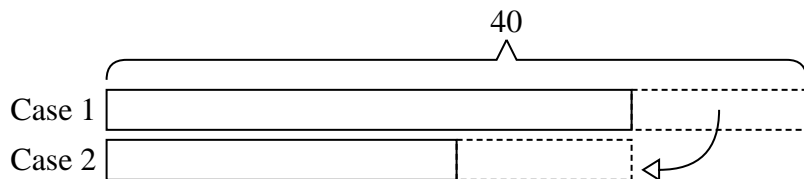
68

Friend

Isabel

Ex. _____ **18**

1. _____ **32**

2. _____ **30**

3. _____ **10**

4. _____ **25**

1) A pet groomer has 99 customers scheduled for Monday and 35 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?

99

Monday

Tuesday

2) A store had 2 employees scheduled for the week. Bianca was scheduled to work for 34 hours and Victor was scheduled for 94 hours. How fewer hours should Victor work so that he and Bianca work the same number of hours?

94

Bianca

Victor

3) Dave had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 40 collectibles and the other had 20. How many should he move so that each case has the same amount?

40

Case 1

Case 2

4) A car salesman had 97 cars in one of his lots and 47 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?

97

Lot 1

Lot 2