Solve each problem using a tape diagram.

Ex) A car salesman had 44 cars in one of his lots and 20 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?

1) Frank had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 56 collectibles and the other had 20. How many should he move so that each case has the same amount?

2) Carol and her friend had two piles of candy. Carol's pile had 40 pieces and her friend had 60 pieces. How many pieces would her friend have to give Carol so that they both had the same amount?

3) A store had 2 employees scheduled for the week. Bianca was scheduled to work for 31 hours and Roger was scheduled for 67 hours. How fewer hours should Roger work so that he and Bianca work the same number of hours?

4) There are 90 sodas on the top shelf and 44 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?

Answers

Ex. 12

1. _____

2. _____

3. _____

4. _____

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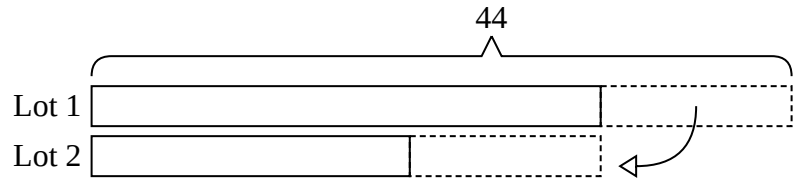

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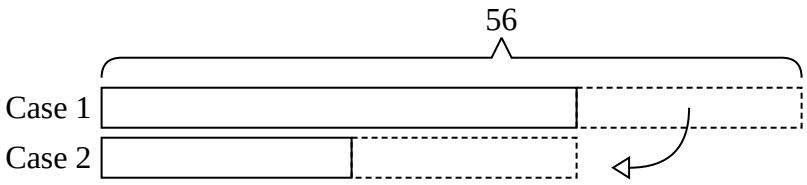

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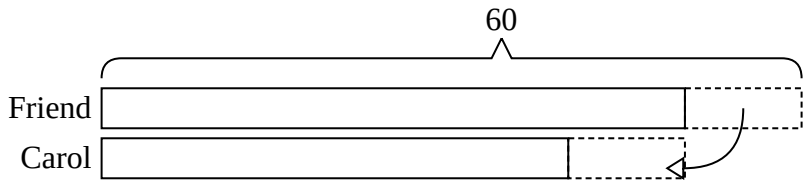

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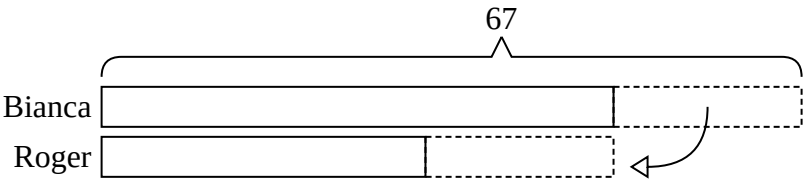

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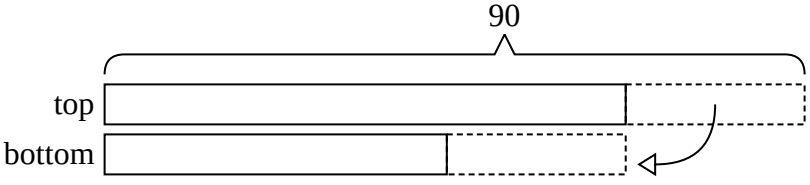

Answers

Ex. 12

1. 18

2. 10

3. 18

4. 23

1-4	75	50	25	0