Sharing With Tape Diagram

Name:

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 43 collectibles and the other had 23. How many should he move so that each case has the same amount?

1) In high school 91 students signed up for the morning art class and 27 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) Vanessa and her friend had two piles of candy. Vanessa's pile had 43 pieces and her friend had 99 pieces. How many pieces would her friend have to give Vanessa so that they both had the same amount?

3) A store had 2 employees scheduled for the week. Emily was scheduled to work for 38 hours and Dave was scheduled for 82 hours. How fewer hours should Dave work so that he and Emily work the same number of hours?

4) A car salesman had 74 cars in one of his lots and 36 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?

Answers

Ex. 10

1. _____

2. _____

3. _____

4. _____

Solve each problem using a tape diagram.

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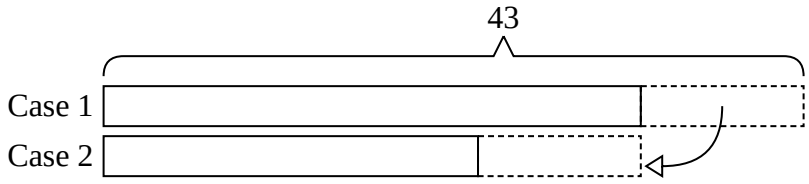

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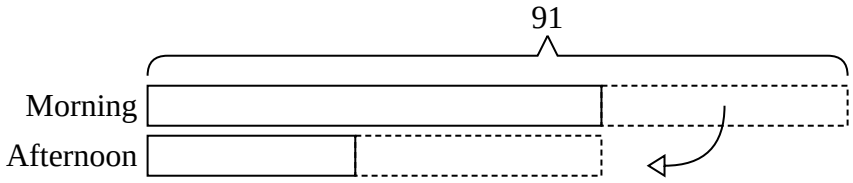

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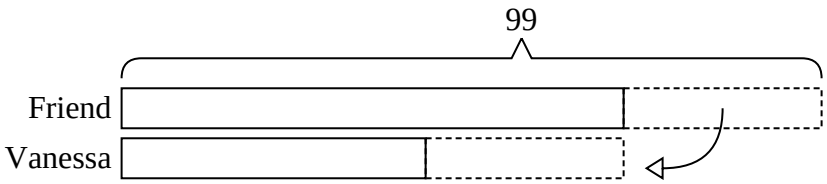

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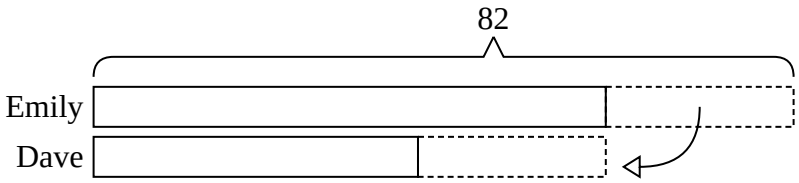

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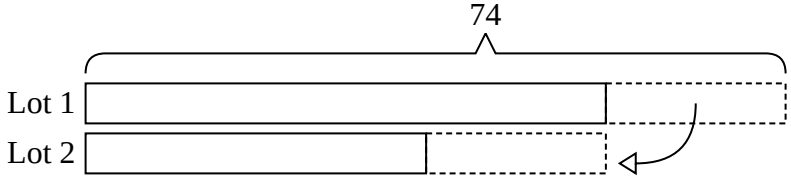

Answers

Ex. 10

1. 32

2. 28

3. 22

4. 19