Solve each problem using a tape diagram.

Ex) Tiffany and her friend had two piles of candy. Tiffany's pile had 38 pieces and her friend had 72 pieces. How many pieces would her friend have to give Tiffany so that they both had the same amount?

1) There are 79 sodas on the top shelf and 27 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?

2) A store had 2 employees scheduled for the week. Emily was scheduled to work for 37 hours and Sam was scheduled for 91 hours. How fewer hours should Sam work so that he and Emily work the same number of hours?

3) In high school 67 students signed up for the morning art class and 33 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) A car salesman had 77 cars in one of his lots and 43 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. 17

1. _____

2. _____

3. _____

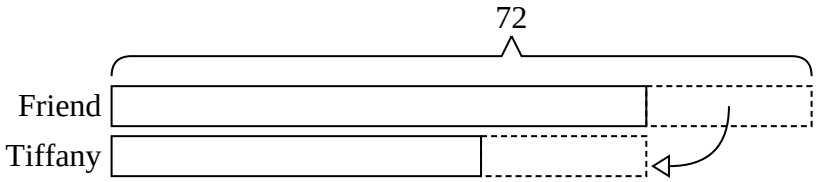
4. _____

Sharing With Tape Diagram

Name: **Answer Key**

Solve each problem using a tape diagram.

Ex) Tiffany and her friend had two piles of candy. Tiffany's pile had 38 pieces and her friend had 72 pieces. How many pieces would her friend have to give Tiffany so that they both had the same amount?



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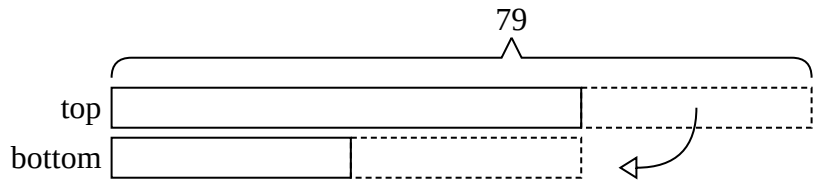

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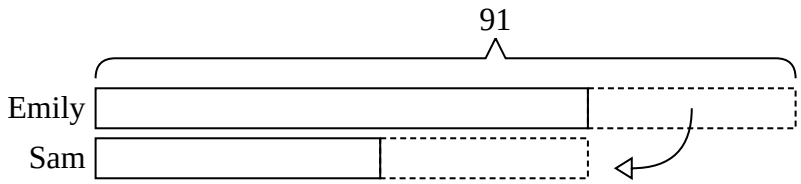

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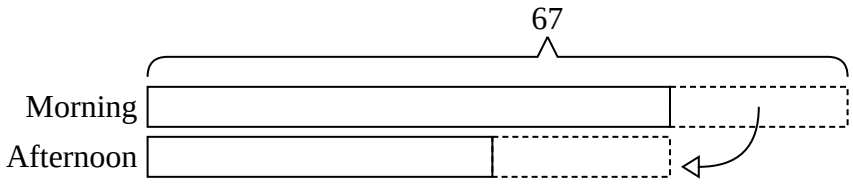

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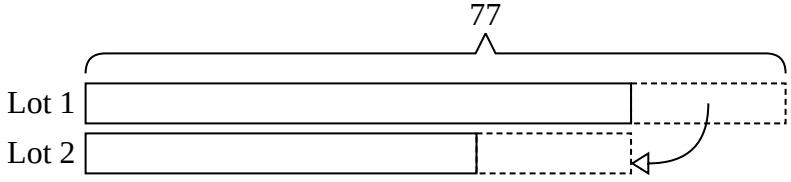

Answers

Ex. 17

1. 26

2. 27

3. 17

4. 17