

**Solve each problem using a tape diagram.**

**Ex)** Edward had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 76 collectibles and the other had 24. How many should he move so that each case has the same amount?

**Answers**Ex. 26

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

**1)** In high school 58 students signed up for the morning art class and 30 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)** A car salesman had 56 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?

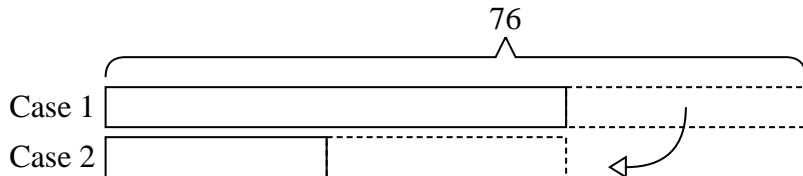
**3)** Vanessa and her friend had two piles of candy. Vanessa's pile had 46 pieces and her friend had 66 pieces. How many pieces would her friend have to give Vanessa so that they both had the same amount?

**4)** There are 72 sodas on the top shelf and 46 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?

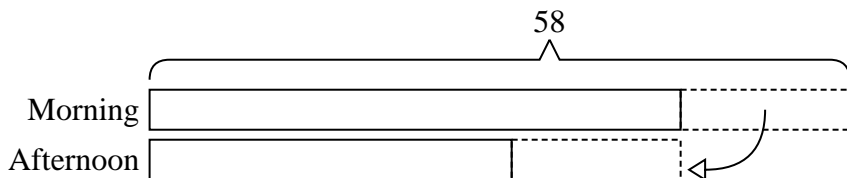


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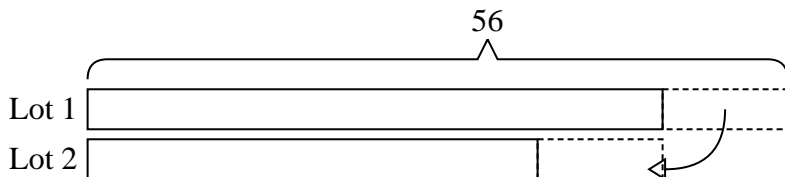
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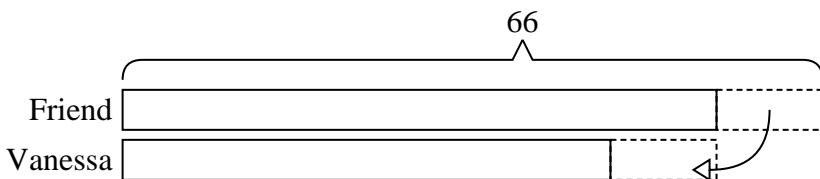
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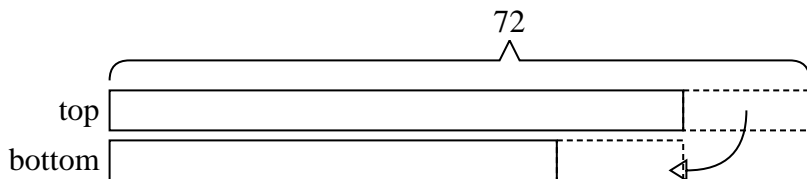
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Answers

Ex. 26

1. 14

2. 10

3. 10

4. 13