

**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)** Henry 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)** Lana and her friend had two piles of candy. Lana's pile had 40 pieces and her friend had 60 pieces. How many pieces would her friend have to give Lana so that they both had the same amount?
- 3)** In high school 60 students signed up for the morning art class and 22 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 pet groomer has 96 customers scheduled for Monday and 30 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?

**Answers**Ex. 12

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

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

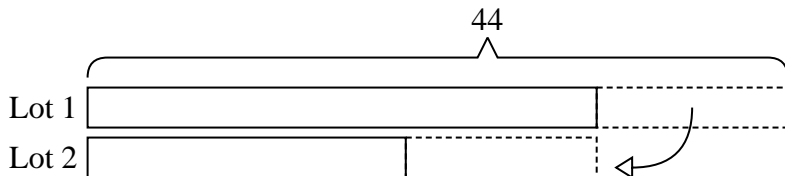
3. \_\_\_\_\_

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

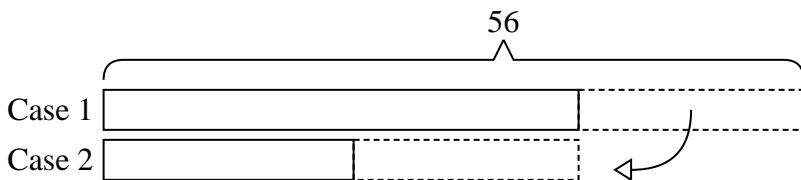


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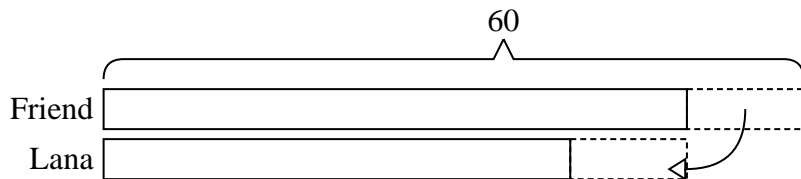
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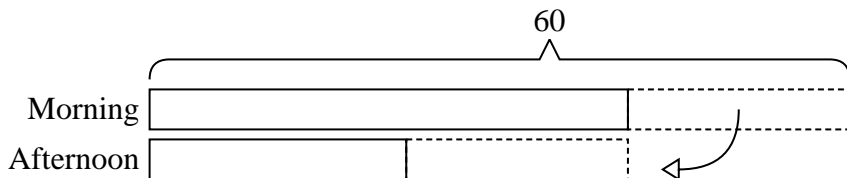
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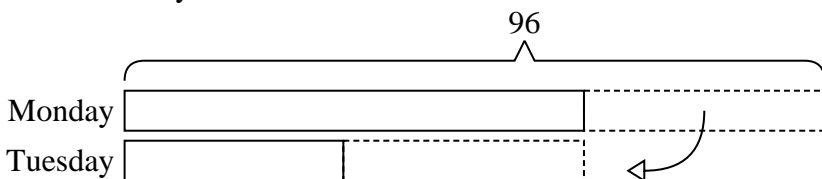
2) Lana and her friend had two piles of candy. Lana's pile had 40 pieces and her friend had 60 pieces. How many pieces would her friend have to give Lana so that they both had the same amount?



3) In high school 60 students signed up for the morning art class and 22 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 pet groomer has 96 customers scheduled for Monday and 30 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?



Answers

Ex. 12

1. 18

2. 10

3. 19

4. 33