



Solve each problem using a tape diagram.

- Ex) In high school 44 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?
- 1) A pet groomer has 98 customers scheduled for Monday and 20 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?
- 2) During gym class Team 1 had 84 students and Team 2 had 36 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?
- 3) Janet and her friend had two piles of candy. Janet's pile had 38 pieces and her friend had 72 pieces. How many pieces would her friend have to give Janet so that they both had the same amount?
- 4) Henry had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 86 collectibles and the other had 30. How many should he move so that each case has the same amount?

AnswersEx. 11

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

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

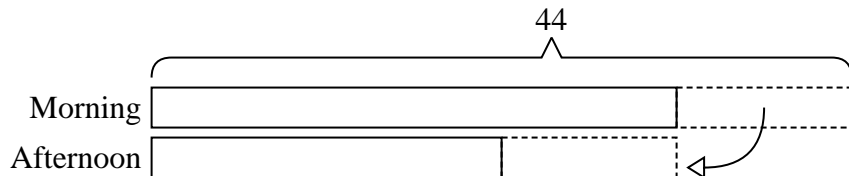
3. \_\_\_\_\_

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

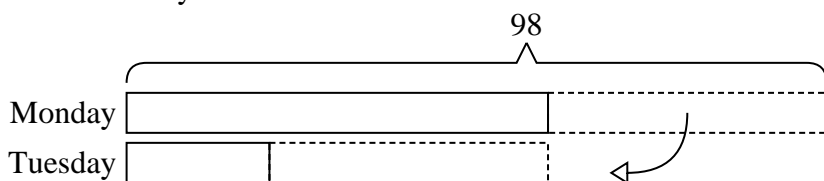


Solve each problem using a tape diagram.

- Ex) In high school 44 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?



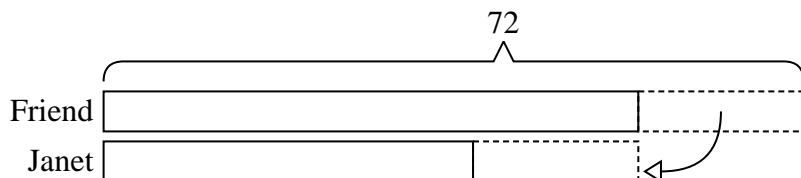
- 1) A pet groomer has 98 customers scheduled for Monday and 20 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?



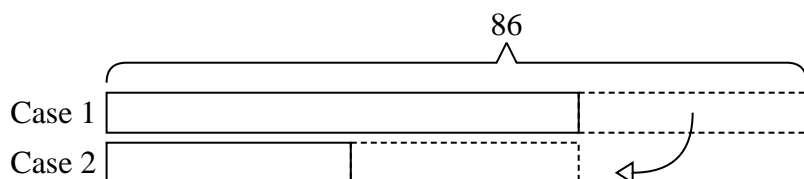
- 2) During gym class Team 1 had 84 students and Team 2 had 36 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?



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



- 4) Henry had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 86 collectibles and the other had 30. How many should he move so that each case has the same amount?

**Answers**Ex. 111. 392. 243. 174. 28