Sharing With Tape Diagram

Name:

Solve each problem using a tape diagram.

1) A car salesman had 64 cars in one of his lots and 40 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?

2) During gym class Team 1 had 51 students and Team 2 had 25 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?

3) A pet groomer has 98 customers scheduled for Monday and 50 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?

4) Rachel and her friend had two piles of candy. Rachel's pile had 34 pieces and her friend had 90 pieces. How many pieces would her friend have to give Rachel so that they both had the same amount?

5) In high school 93 students signed up for the morning art class and 21 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?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____

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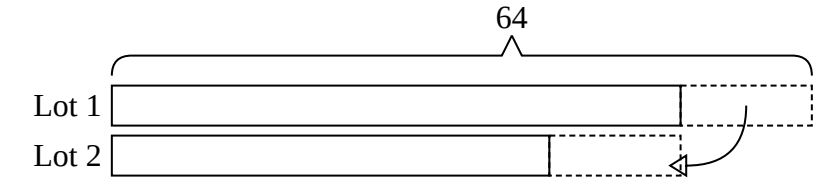

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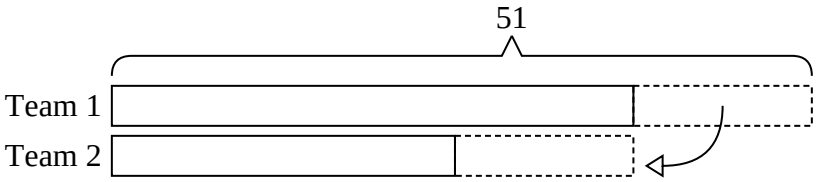

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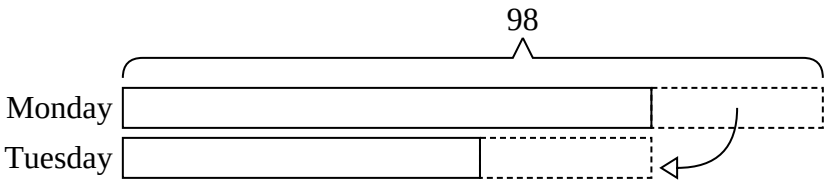

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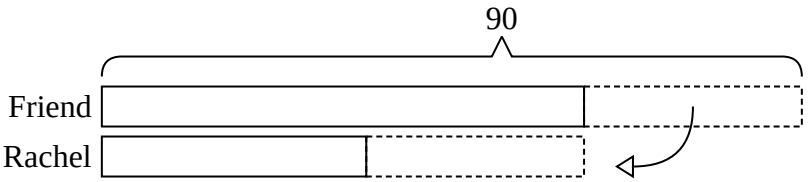

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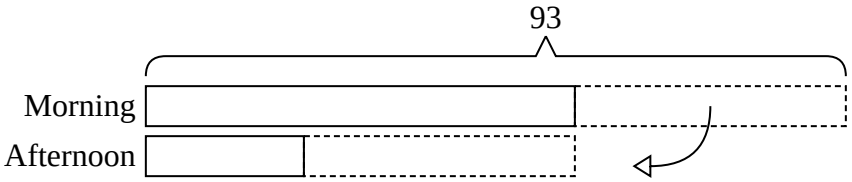

Answers

1. **12**
2. **13**
3. **24**
4. **28**
5. **36**